

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038083.D
 Acq On : 20 Nov 2018 13:30
 Operator : JU/SJ
 Sample : PB114959BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 14:05:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40423	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	174601	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109559	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253028	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240944	20.00	ng	0.00
87) Perylene-d12	25.07	264	247673	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	306210	130.79	ng	0.00
7) Phenol-d6	7.24	99	422614	126.46	ng	0.00
23) Nitrobenzene-d5	9.26	82	195140	59.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143776	115.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	451759	60.07	ng	0.00
79) Terphenyl-d14	20.07	244	740082	72.27	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	34937	31.593	ng	96
3) Pyridine	3.92	79	100715	31.927	ng	99
4) n-Nitrosodimethylamine	3.84	42	47880	41.836	ng	98
6) Aniline	7.41	93	128558	29.805	ng	98
8) 2-Chlorophenol	7.65	128	112416	41.381	ng	99
9) Benzaldehyde	7.22	77	61802	25.571	ng	97
10) Phenol	7.26	94	150477	42.509	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	106842	36.970	ng	93
12) 1,3-Dichlorobenzene	7.97	146	113816	36.368	ng	98
13) 1,4-Dichlorobenzene	8.12	146	114775	36.305	ng	99
14) 1,2-Dichlorobenzene	8.44	146	112935	37.417	ng	96
15) Benzyl Alcohol	8.32	79	97350	40.257	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	201860	37.616	ng	96
17) 2-Methylphenol	8.52	107	98760	41.266	ng	97
18) Hexachloroethane	9.17	117	41792	36.323	ng	93
19) n-Nitroso-di-n-propylamine	8.89	70	85732	35.453	ng	98
20) 3+4-Methylphenols	8.85	107	134157	39.543	ng	97
22) Acetophenone	8.92	105	164604	37.891	ng	# 99
24) Nitrobenzene	9.30	77	127720	38.278	ng	97
25) Isophorone	9.82	82	237373	40.433	ng	99
26) 2-Nitrophenol	10.02	139	62020	37.233	ng	93
27) 2,4-Dimethylphenol	10.06	122	113834	45.357	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	145851	38.852	ng	97
29) 2,4-Dichlorophenol	10.54	162	114975	40.729	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	116533	36.838	ng	99
31) Naphthalene	10.96	128	346729	40.375	ng	99
32) Benzoic acid	10.19	122	56016	38.090	ng	97
33) 4-Chloroaniline	11.07	127	102729	25.716	ng	97
34) Hexachlorobutadiene	11.22	225	68900	35.390	ng	96
35) Caprolactam	11.85	113	40739	36.054	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	124772	40.457	ng	97
37) 2-Methylnaphthalene	12.55	142	256852	41.638	ng	96
38) 1-Methylnaphthalene	12.77	142	242609	40.859	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	134048	36.615	ng	99

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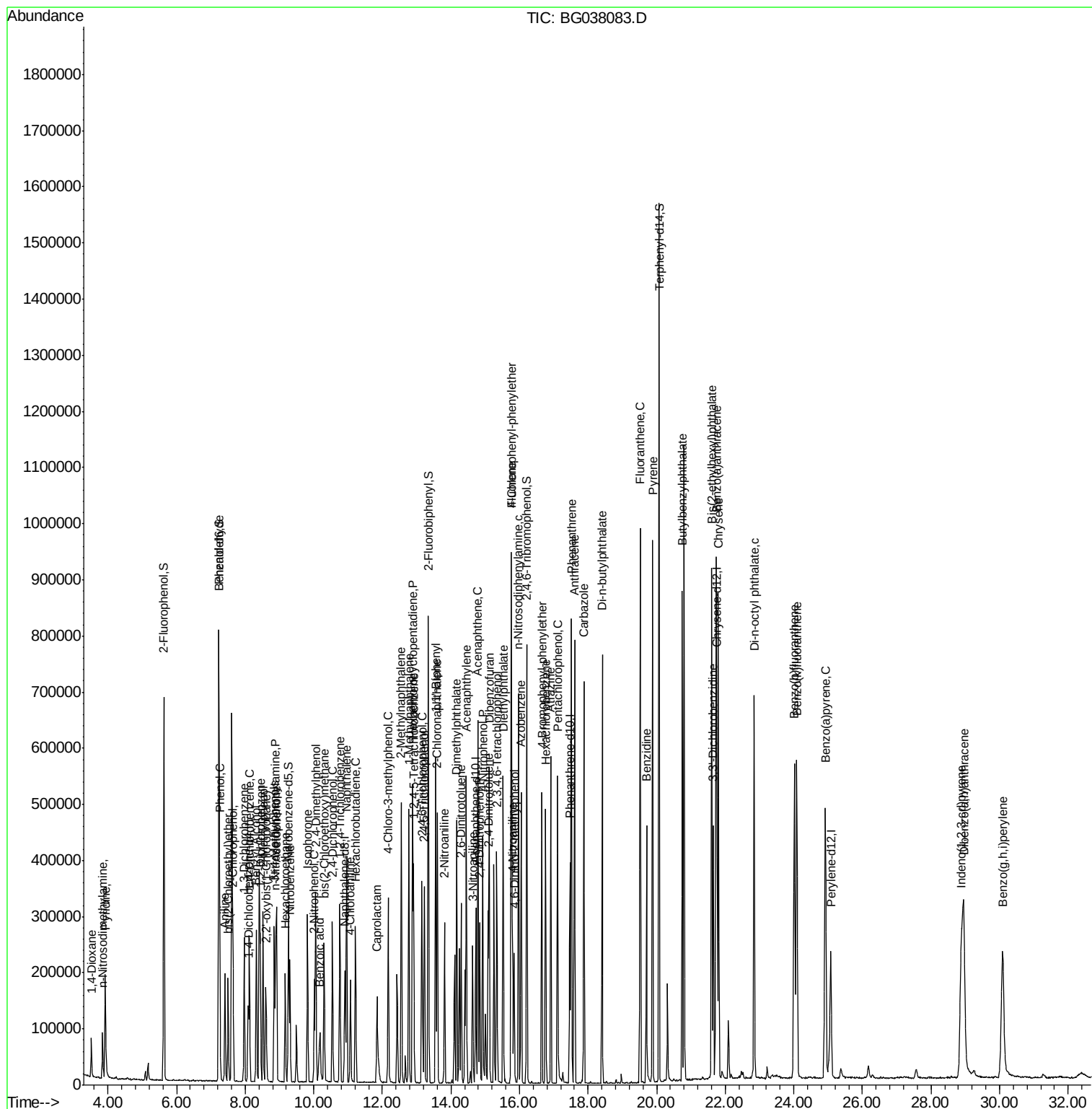
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	162571	82.929	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	95353	38.222	ng	97
44) 2,4,5-Trichlorophenol	13.22	196	100098	38.134	ng	99
46) 1,1'-Biphenyl	13.56	154	326217	35.442	ng	100
47) 2-Chloronaphthalene	13.61	162	259838	36.995	ng	98
48) 2-Nitroaniline	13.81	65	86747	39.243	ng	93
49) Acenaphthylene	14.45	152	431269	40.832	ng	99
50) Dimethylphthalate	14.17	163	327847	37.746	ng	100
51) 2,6-Dinitrotoluene	14.30	165	75467	38.390	ng	97
52) Acenaphthene	14.79	154	248581	39.094	ng	99
53) 3-Nitroaniline	14.63	138	66727	30.762	ng	# 93
54) 2,4-Dinitrophenol	14.84	184	71072	68.500	ng	95
55) Dibenzofuran	15.12	168	399444	37.991	ng	99
56) 4-Nitrophenol	14.93	139	123459	73.796	ng	94
57) 2,4-Dinitrotoluene	15.09	165	107244	40.097	ng	# 96
58) Fluorene	15.77	166	316877	40.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	89737	40.856	ng	99
60) Diethylphthalate	15.53	149	340754	36.937	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	165590	36.074	ng	99
62) 4-Nitroaniline	15.80	138	85212	39.544	ng	99
63) Azobenzene	16.05	77	315601	38.262	ng	100
65) 4,6-Dinitro-2-methylphenol	15.84	198	55941	34.954	ng	98
66) n-Nitrosodiphenylamine	15.97	169	286536	37.432	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	103058	37.109	ng	97
68) Hexachlorobenzene	16.76	284	107543	37.516	ng	98
69) Atrazine	16.91	200	107769	38.191	ng	98
70) Pentachlorophenol	17.11	266	116421	59.798	ng	89
71) Phenanthrene	17.51	178	534958	41.295	ng	99
72) Anthracene	17.61	178	542271	42.465	ng	100
73) Carbazole	17.88	167	493161	38.492	ng	99
74) Di-n-butylphthalate	18.41	149	583779	40.591	ng	99
75) Fluoranthene	19.52	202	629719	42.605	ng	100
77) Benzidine	19.70	184	298101	35.259	ng	99
78) Pyrene	19.88	202	636421	40.400	ng	98
80) Butylbenzylphthalate	20.75	149	271268	39.377	ng	99
81) Benzo(a)anthracene	21.73	228	600930	41.271	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	169081	29.811	ng	98
83) Chrysene	21.80	228	556604	39.954	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	376420	38.314	ng	98
85) Di-n-octyl phthalate	22.84	149	650228	40.910	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	639356	41.322	ng	99
88) Benzo(b)fluoranthene	24.01	252	582506	42.738	ng	99
89) Benzo(k)fluoranthene	24.09	252	575282	42.775	ng	99
90) Benzo(a)pyrene	24.92	252	571793	43.898	ng	100
91) Dibenzo(a,h)anthracene	28.95	278	525030	41.892	ng	98
92) Benzo(g,h,i)perylene	30.09	276	514577	41.293	ng	98

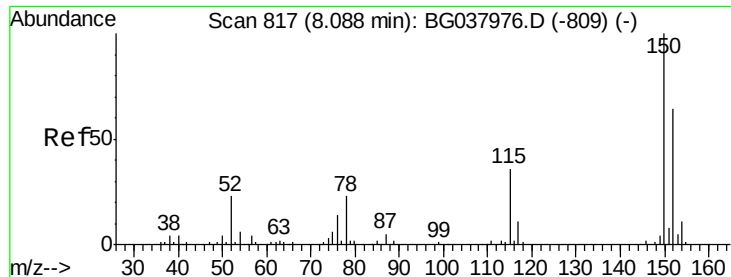
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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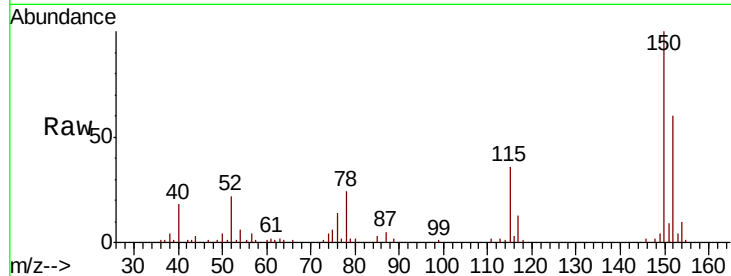


#1

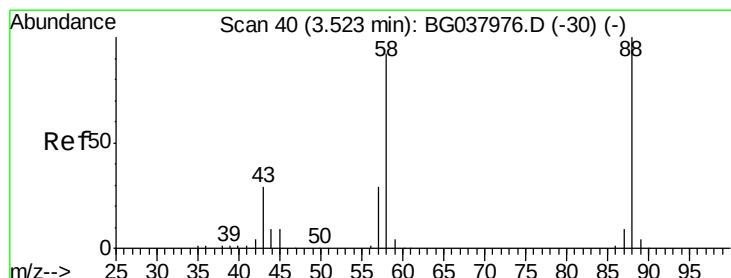
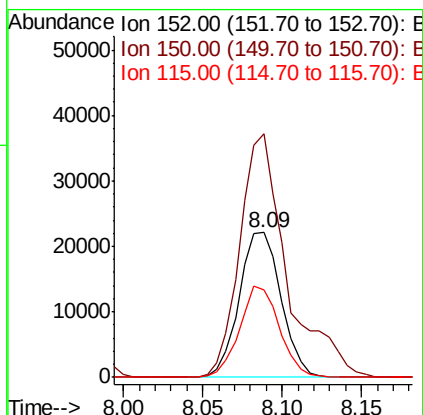
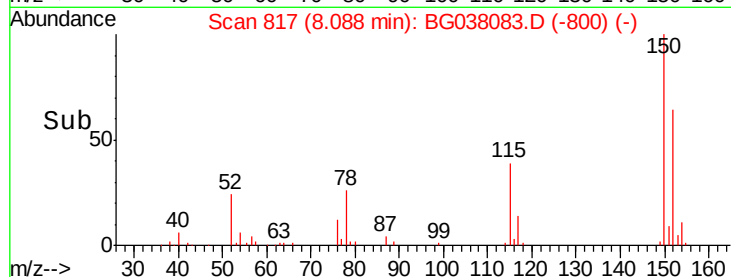
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40423
Ion Ratio Lower Upper
152 100
150 168.0 126.0 189.0
115 60.8 45.5 68.3



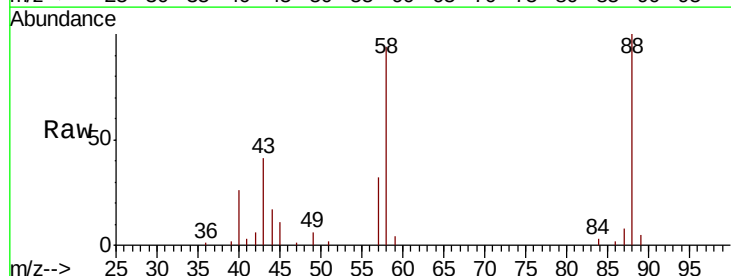
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



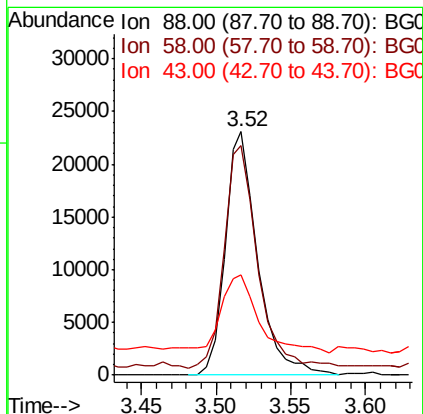
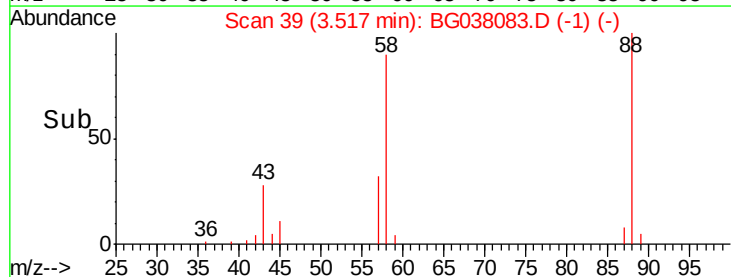
#2

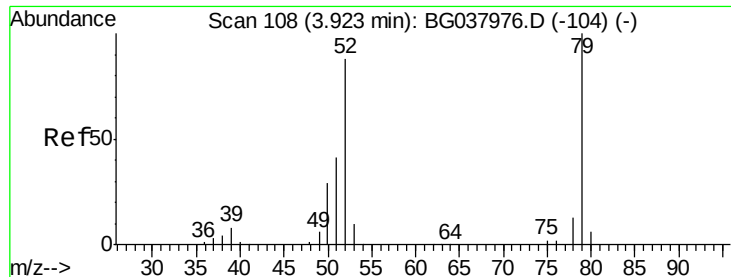
1,4-Dioxane
Concen: 31.593 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion: 88 Resp: 34937
Ion Ratio Lower Upper
88 100
58 95.6 74.4 111.6
43 36.4 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.927 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

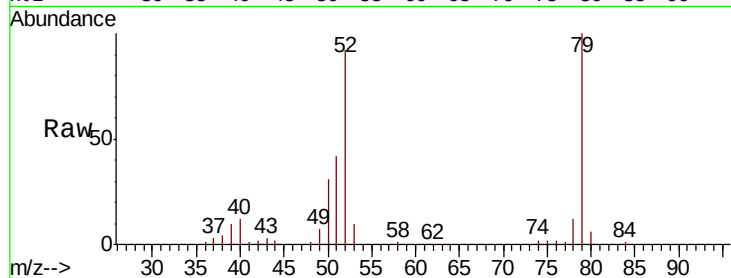
Tot Ion: 79 Resp: 100715

Ion Ratio Lower Upper

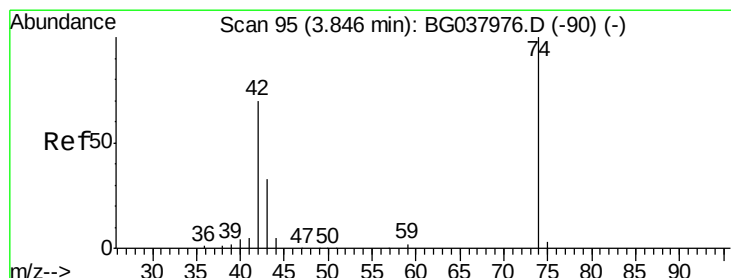
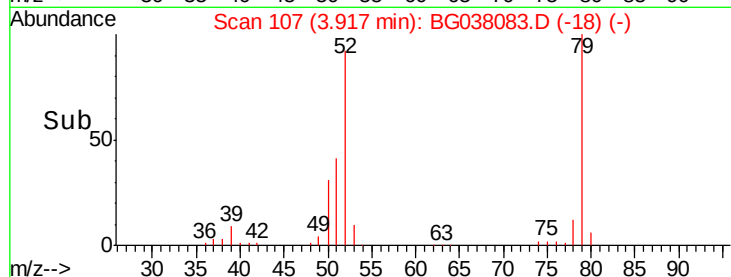
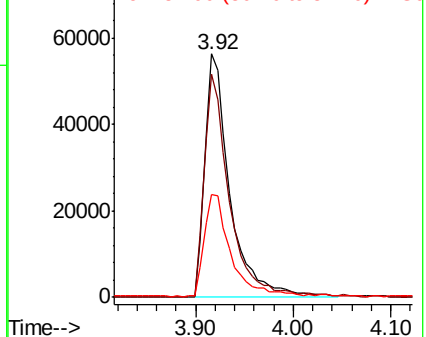
79 100

52 91.8 74.2 111.2

51 42.2 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.836 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

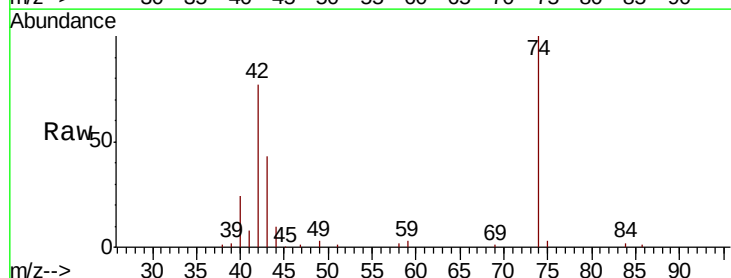
Tgt Ion: 42 Resp: 47880

Ion Ratio Lower Upper

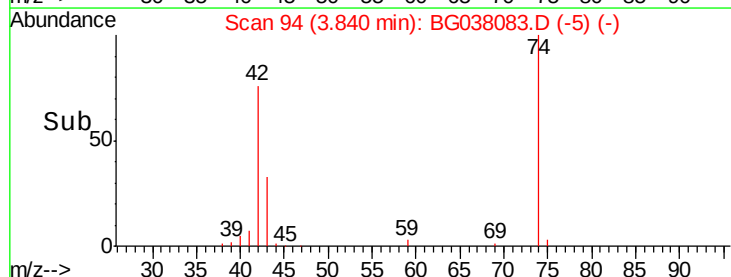
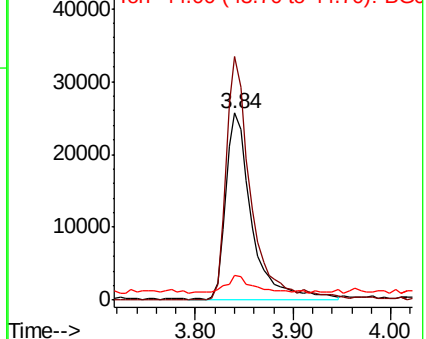
42 100

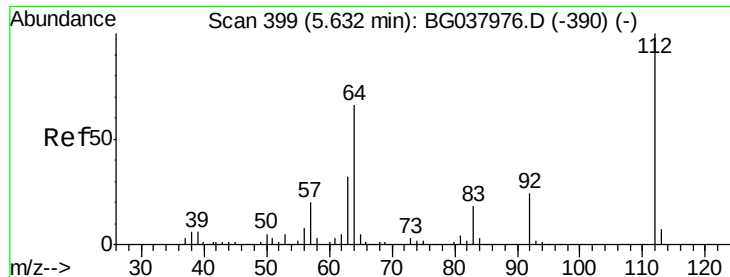
74 130.4 102.0 153.0

44 12.9 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.790 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampled :

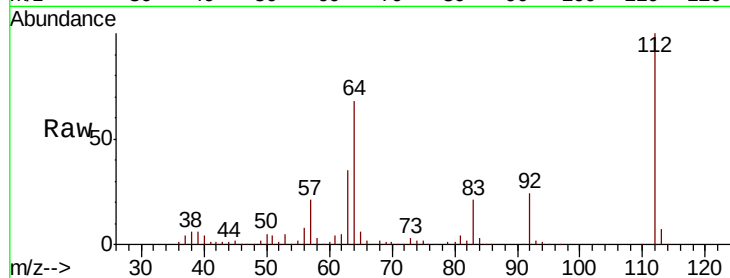
Tot Ion:112 Resp: 306210

Ion Ratio Lower Upper

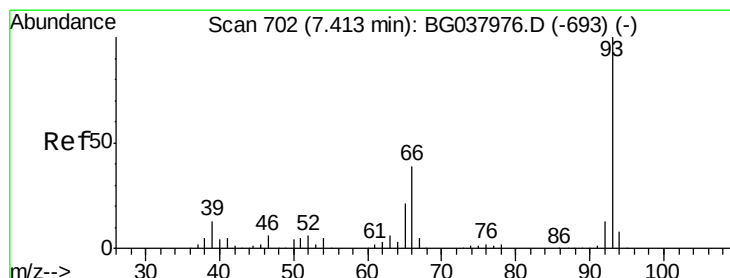
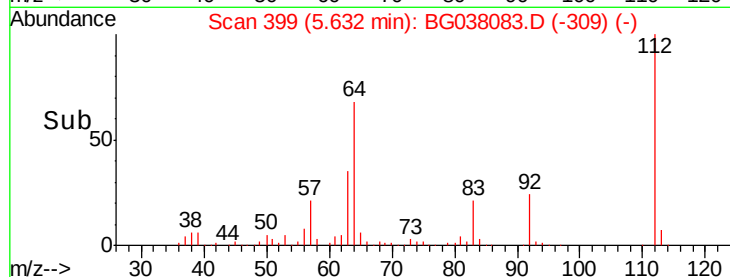
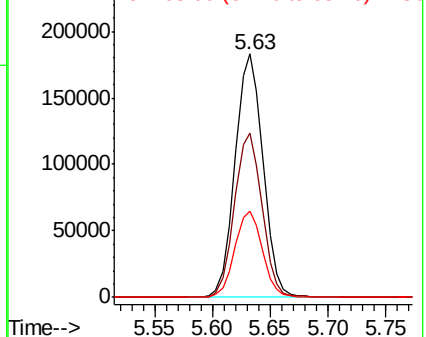
112 100

64 67.7 53.1 79.7

63 35.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.805 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

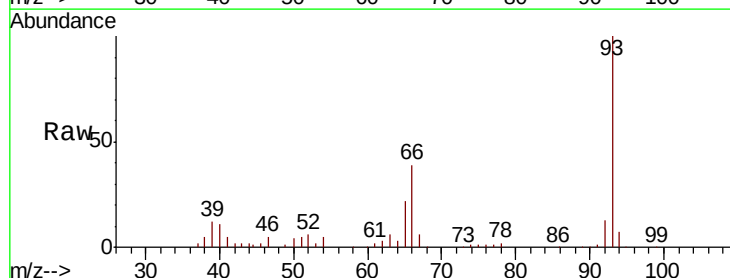
Tgt Ion: 93 Resp: 128558

Ion Ratio Lower Upper

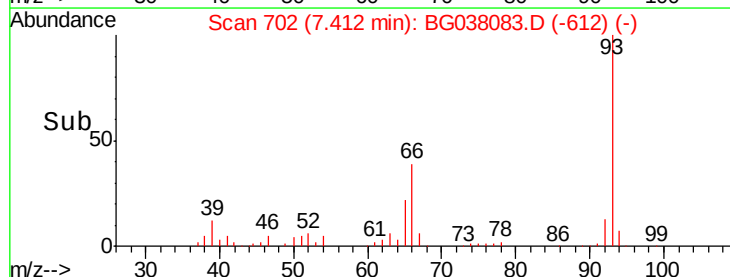
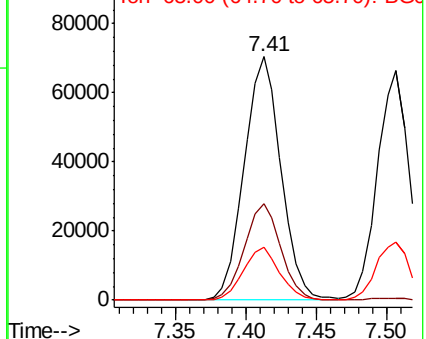
93 100

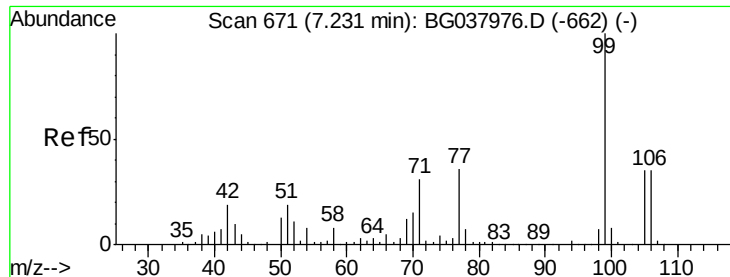
66 39.5 32.8 49.2

65 21.6 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.456 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

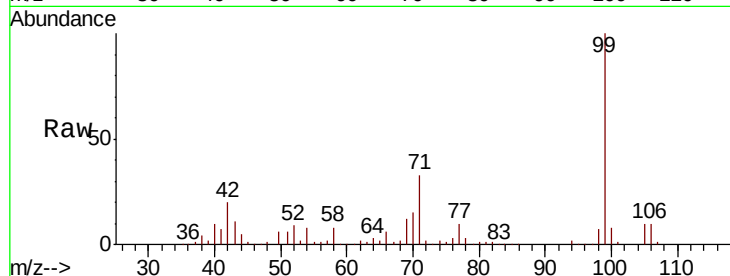
Tot Ion: 99 Resp: 422614

Ion Ratio Lower Upper

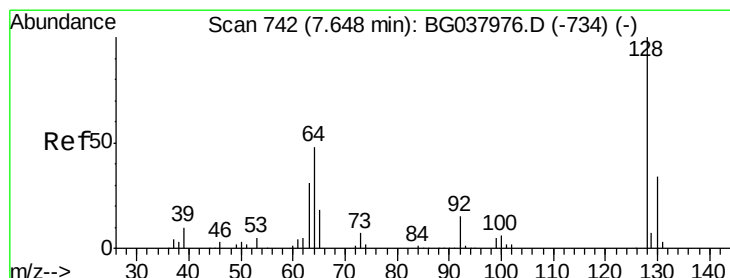
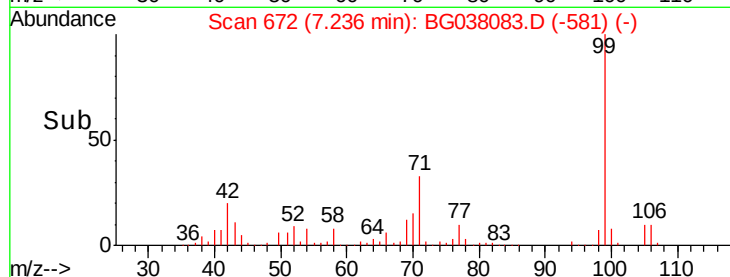
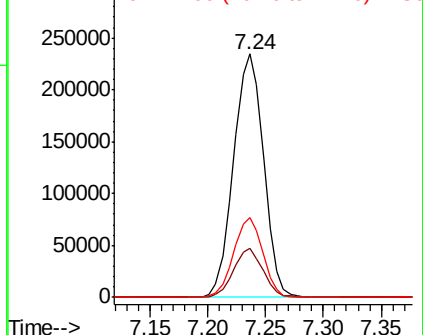
99 100

42 20.0 15.0 22.4

71 32.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.381 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

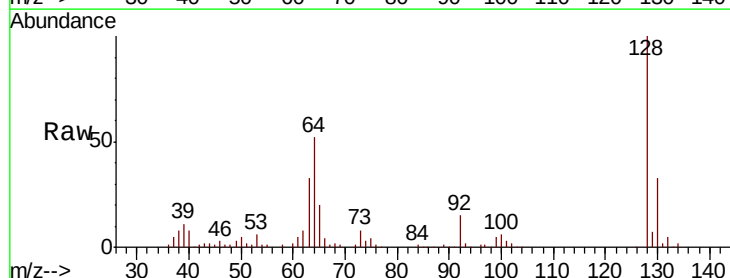
Tgt Ion: 128 Resp: 112416

Ion Ratio Lower Upper

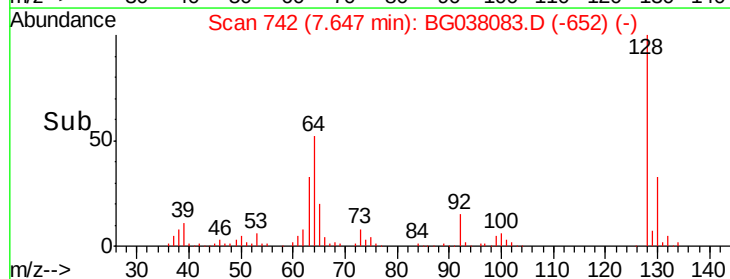
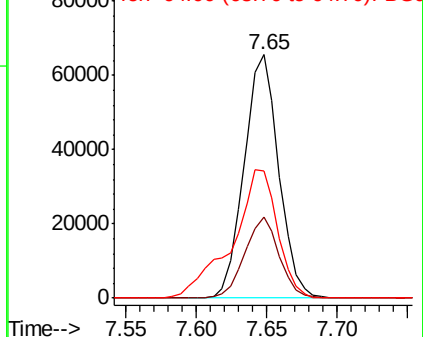
128 100

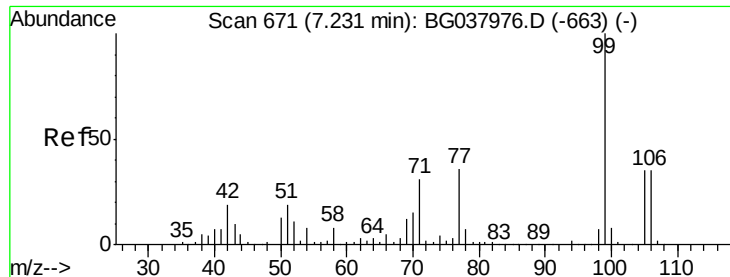
130 33.3 12.0 52.0

64 52.4 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.571 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampled :

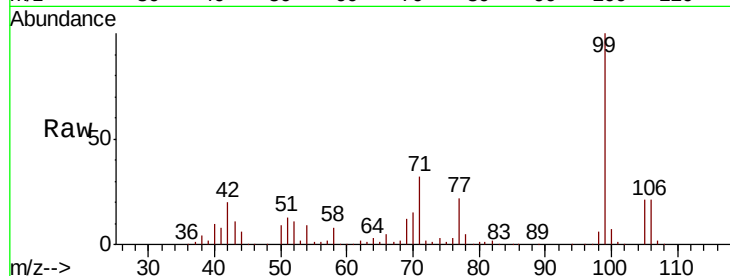
Tot Ion: 77 Resp: 61802

Ion Ratio Lower Upper

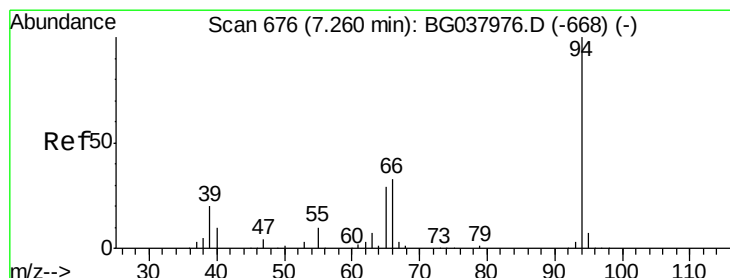
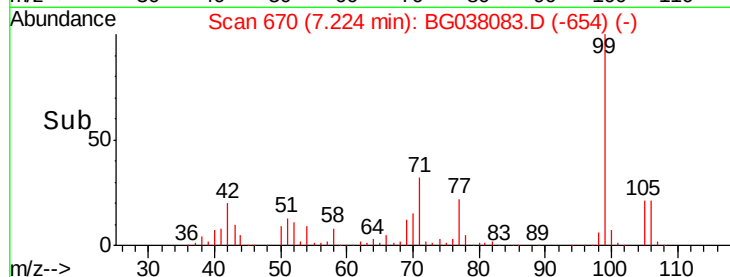
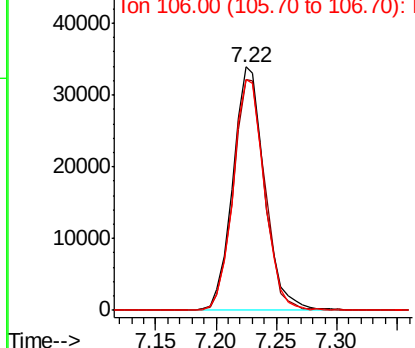
77 100

105 94.9 72.6 112.6

106 95.0 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.509 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

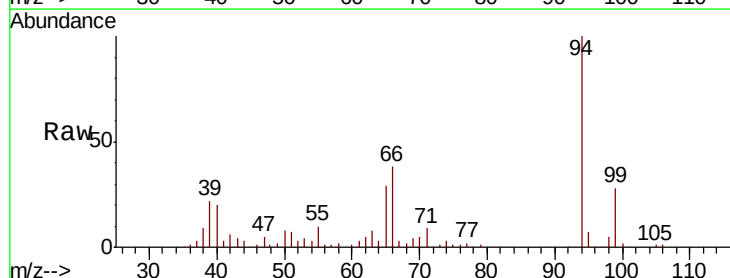
Tgt Ion: 94 Resp: 150477

Ion Ratio Lower Upper

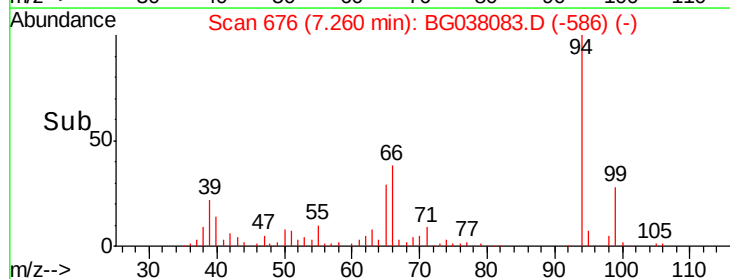
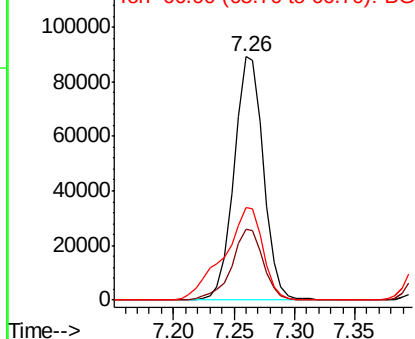
94 100

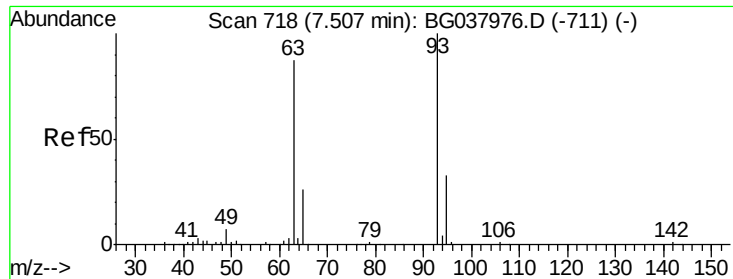
65 29.2 9.7 49.7

66 37.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

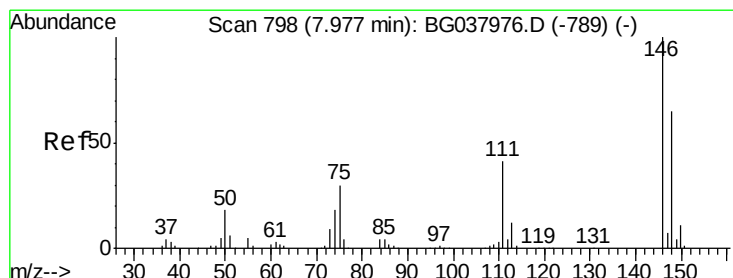
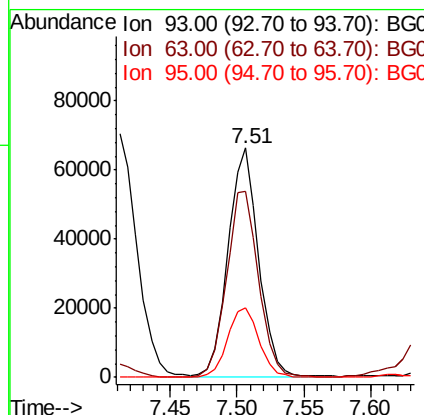
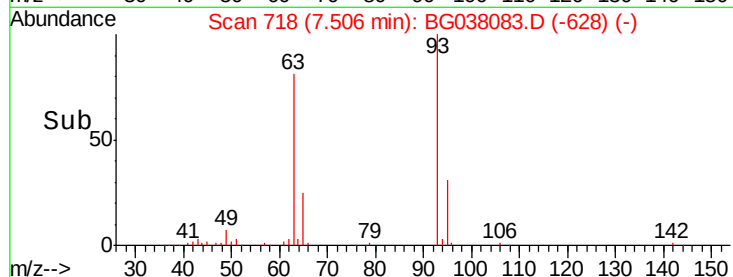
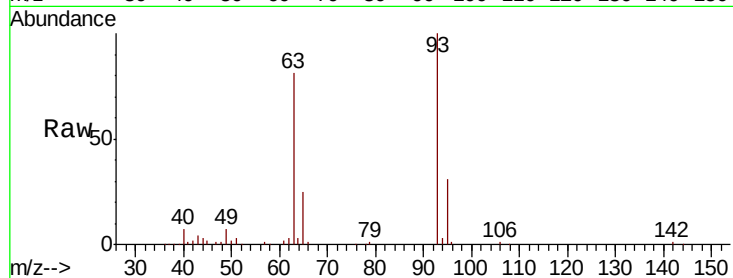




#11
bis(2-Chloroethyl)ether
Concen: 36.970 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

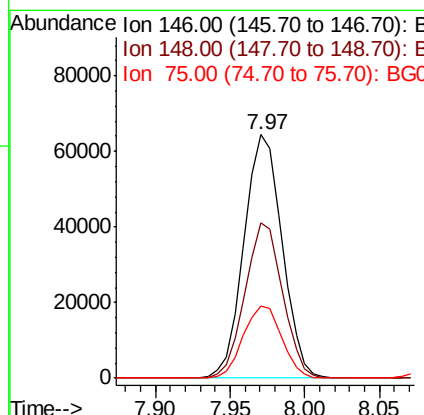
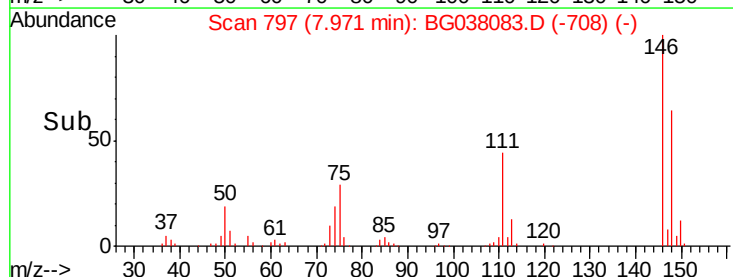
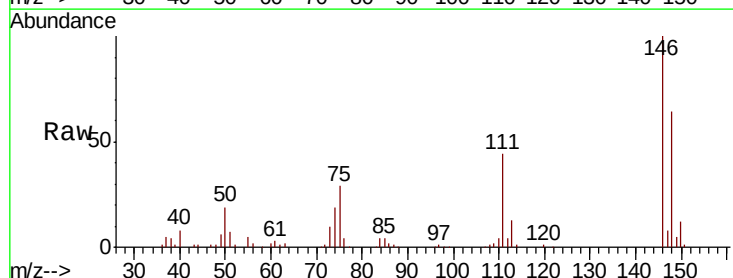
Instrument :
BNA_G
ClientSampleId :

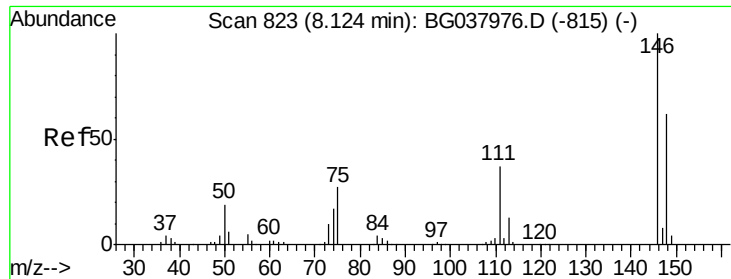
Tot Ion: 93 Resp: 106842
Ion Ratio Lower Upper
93 100
63 81.2 69.5 109.5
95 30.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 36.368 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion: 146 Resp: 113816
Ion Ratio Lower Upper
146 100
148 63.8 49.8 74.8
75 29.4 23.2 34.8

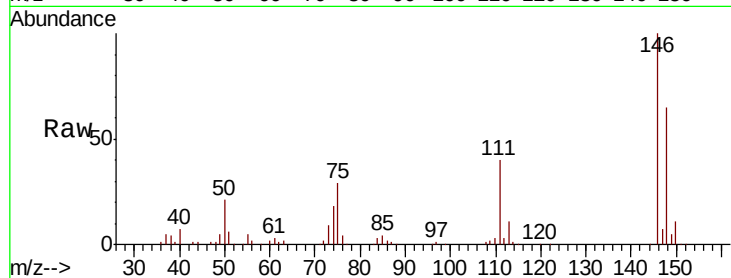




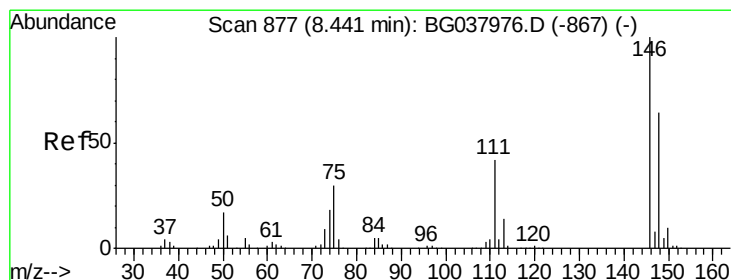
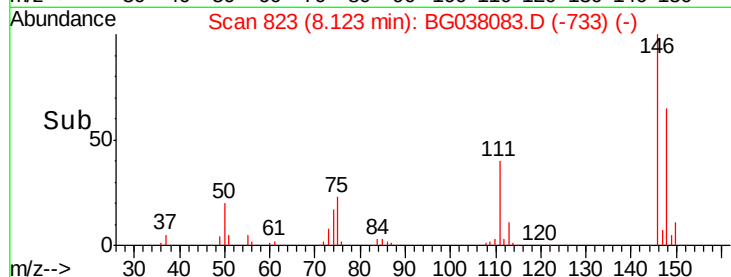
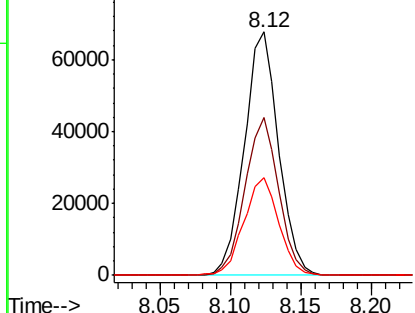
#13
1,4-Dichlorobenzene
Concen: 36.305 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 114775
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 39.9 32.4 48.6

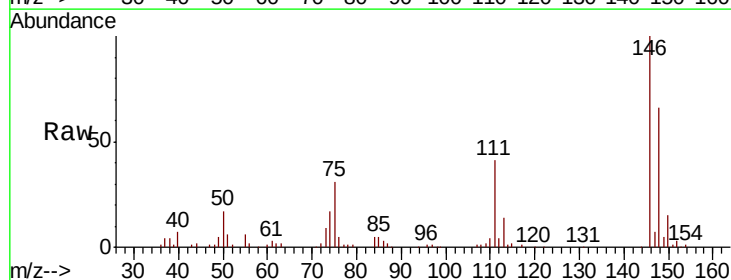


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

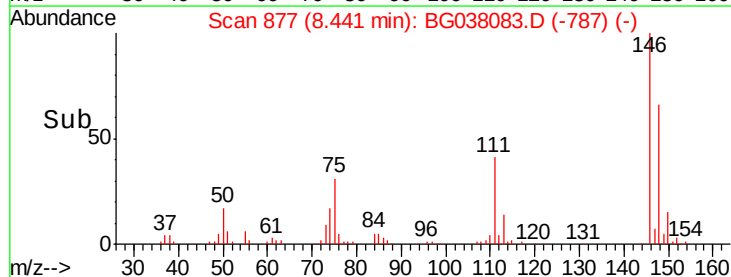
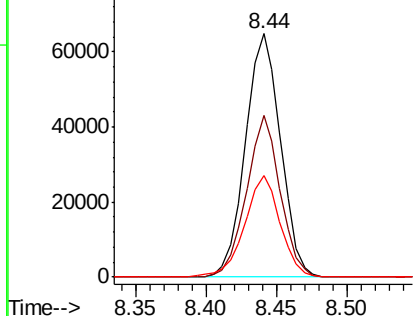


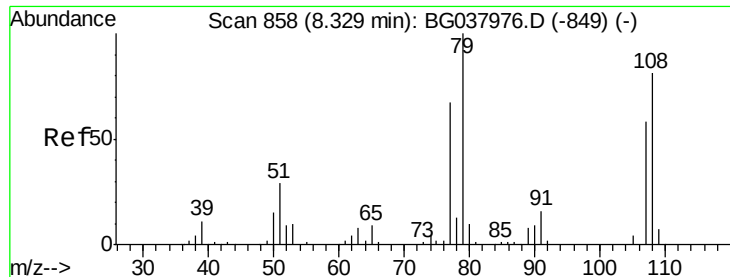
#14
1,2-Dichlorobenzene
Concen: 37.417 ng
RT: 8.44 min Scan# 877
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:146 Resp: 112935
Ion Ratio Lower Upper
146 100
148 66.3 50.4 75.6
111 41.5 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.257 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

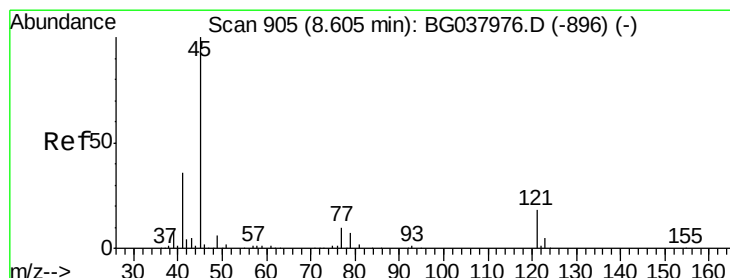
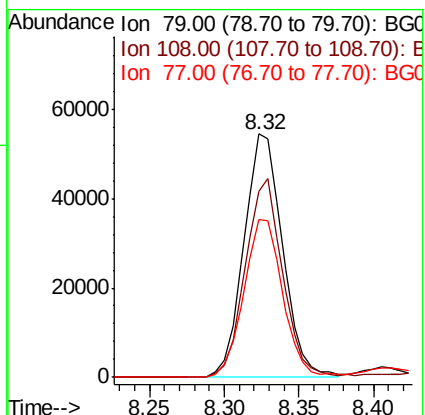
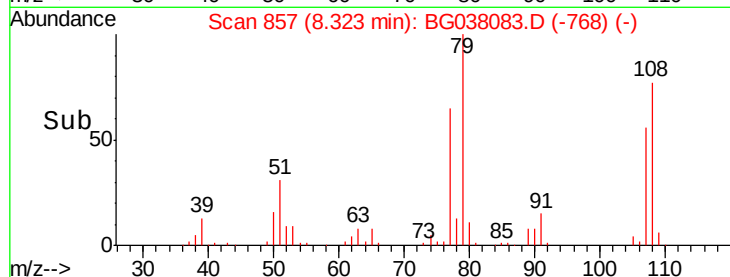
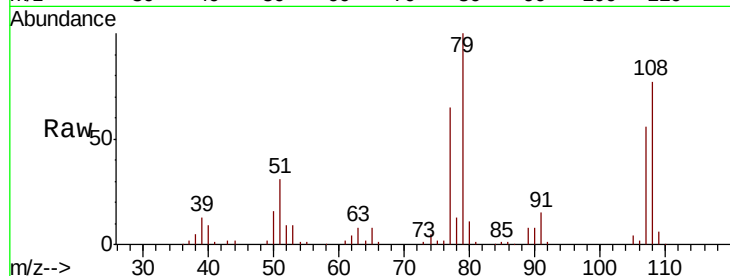
Tot Ion: 79 Resp: 97350

Ion Ratio Lower Upper

79 100

108 76.6 65.8 98.8

77 65.1 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.616 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

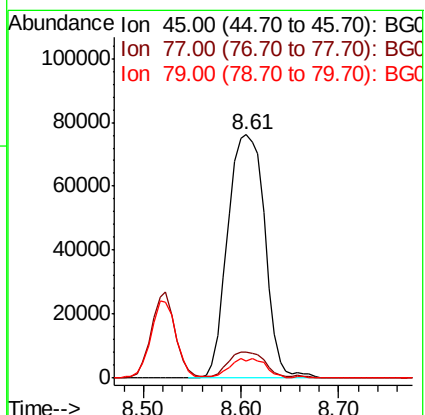
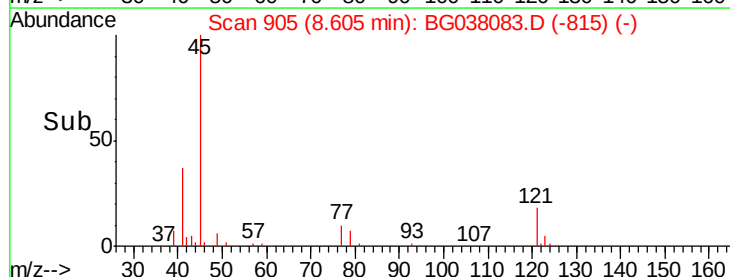
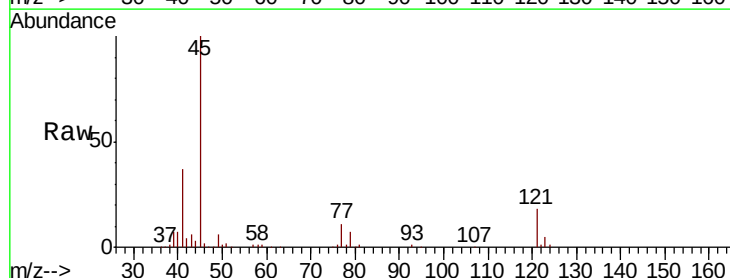
Tgt Ion: 45 Resp: 201860

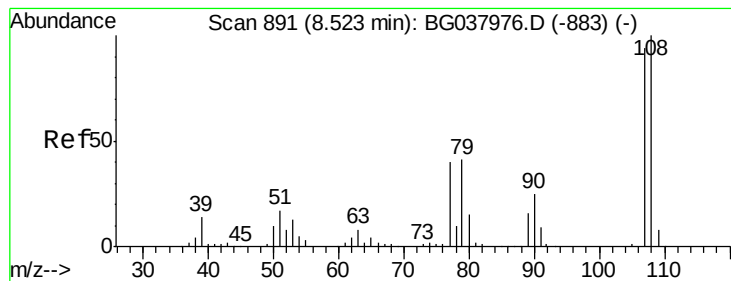
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.0

79 7.1 0.0 29.0

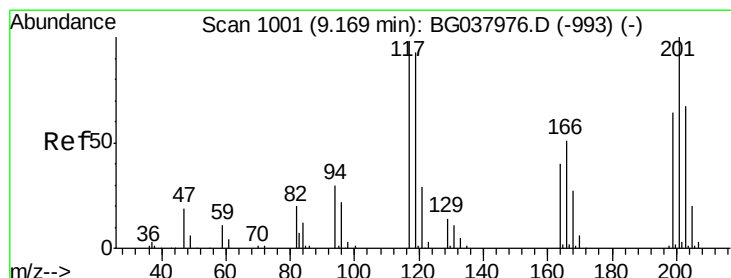
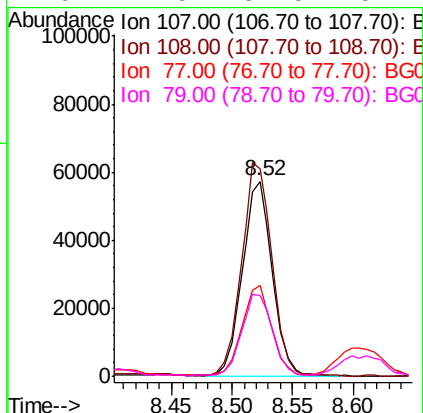
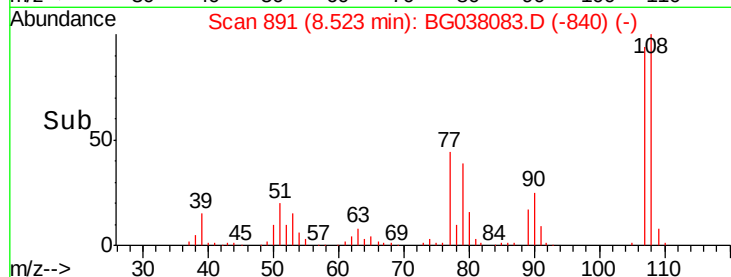
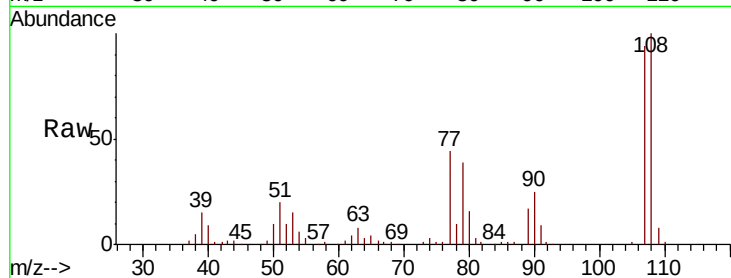




#17
2-Methylphenol
Concen: 41.266 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

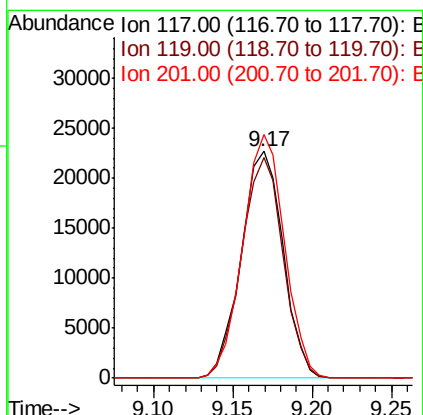
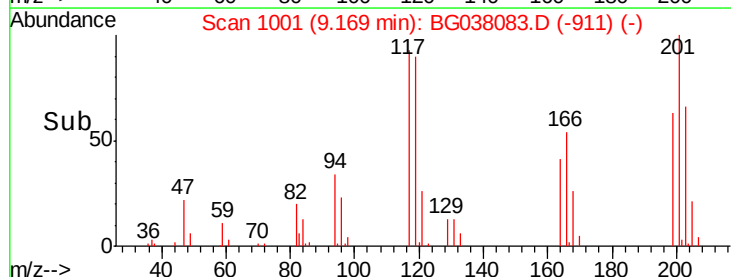
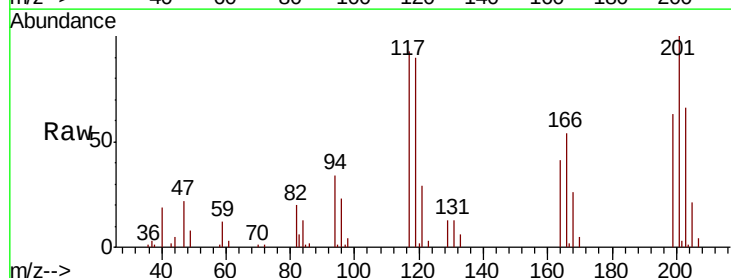
Instrument :
BNA_G
ClientSampled :

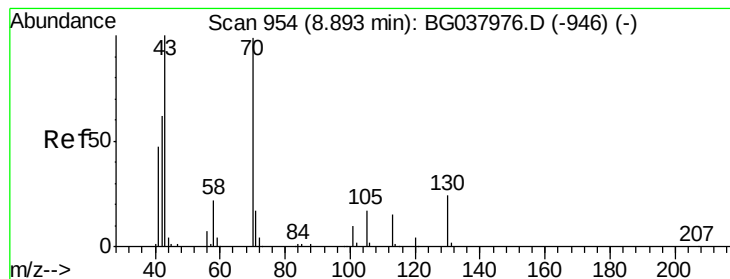
Tot Ion:	107	Resp:	98760
Ion	Ratio	Lower	Upper
107	100		
108	106.6	87.9	131.9
77	46.9	35.1	52.7
79	41.5	34.5	51.7



#18
Hexachloroethane
Concen: 36.323 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:	117	Resp:	41792
Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.6	111.8
201	110.5	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 35.453 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 85732

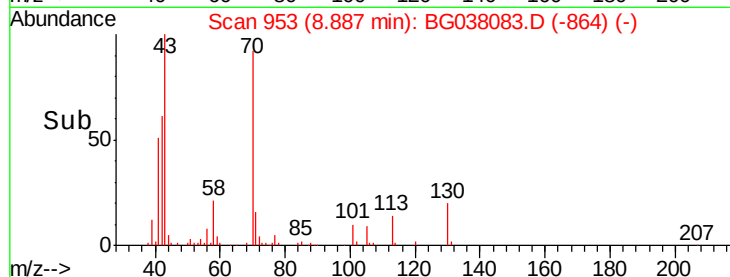
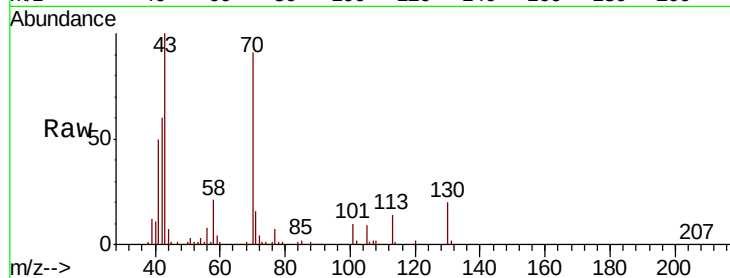
Ion Ratio Lower Upper

70 100

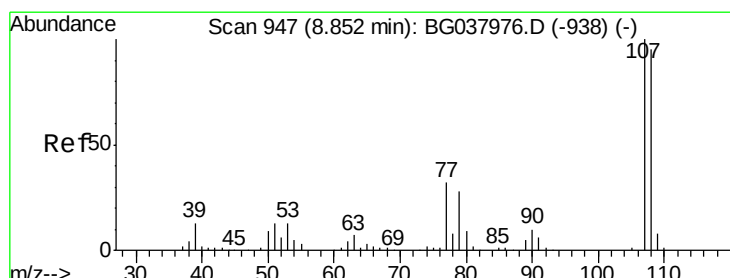
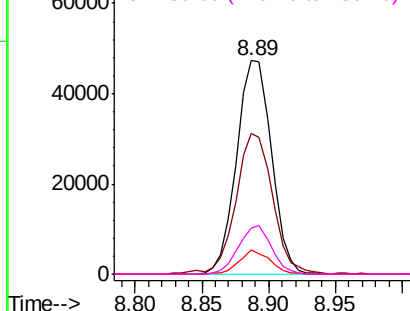
42 65.9 53.9 80.9

101 11.2 8.2 12.2

130 21.7 18.2 27.4



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.543 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion: 107 Resp: 134157

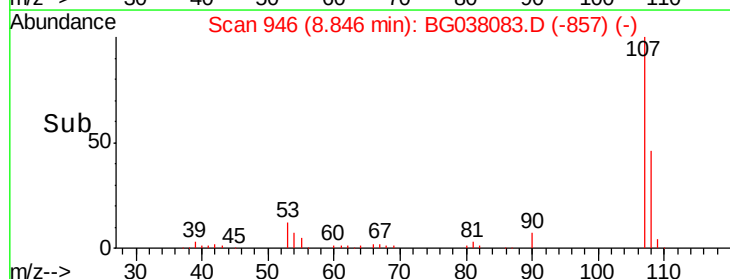
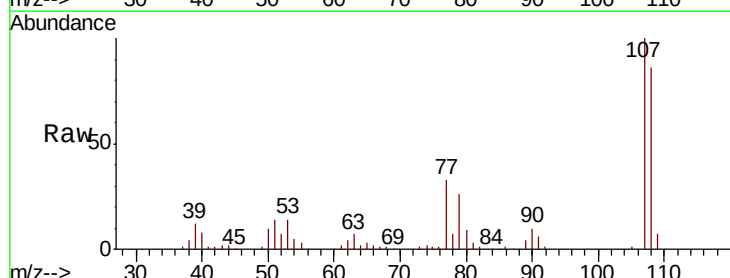
Ion Ratio Lower Upper

107 100

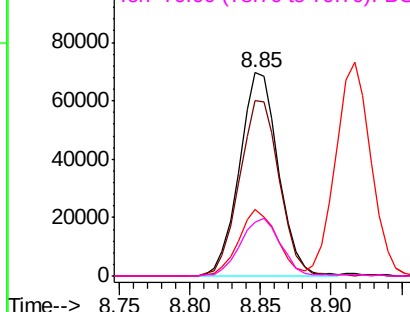
108 86.0 69.9 109.9

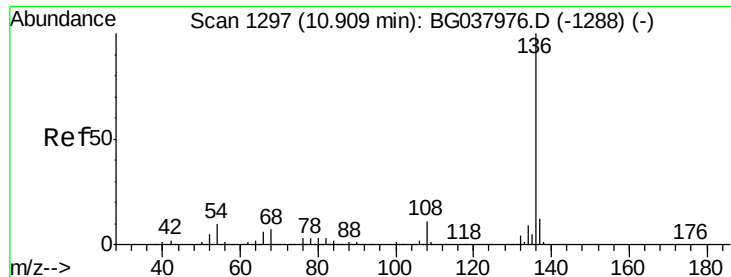
77 32.8 11.2 51.2

79 26.3 6.6 46.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 174601

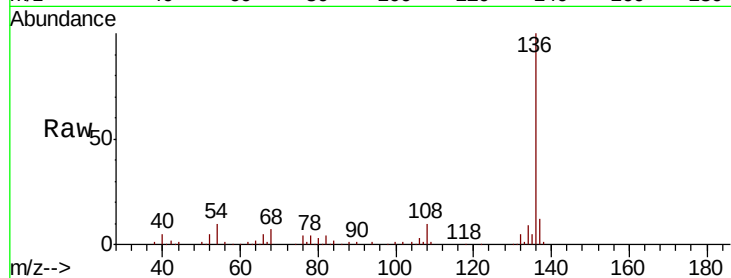
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.4 7.9 11.9

68 6.9 4.8 7.2

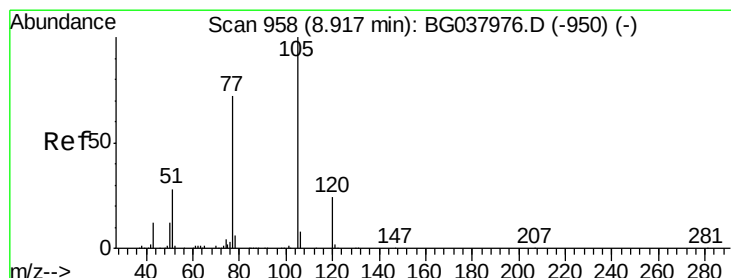
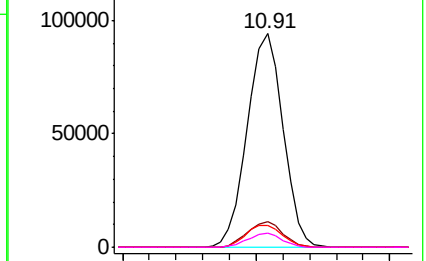
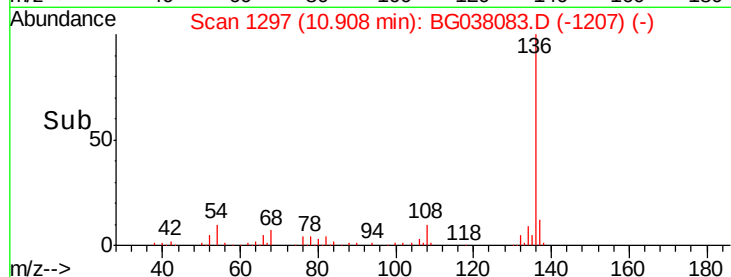


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.891 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion:105 Resp: 164604

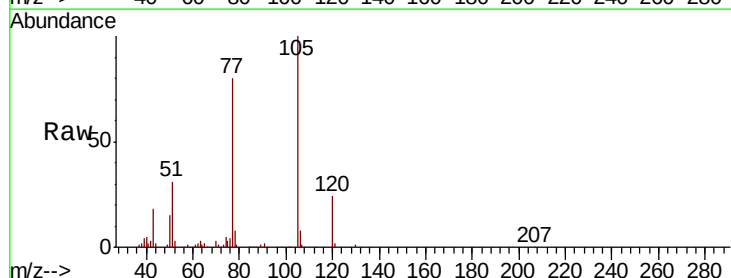
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 30.8 25.0 37.6

120 23.7 18.6 28.0

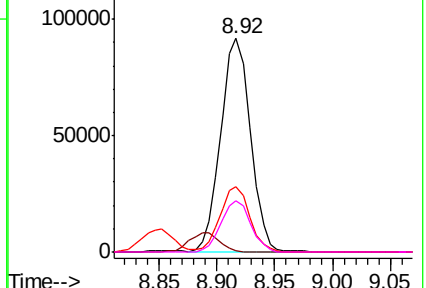
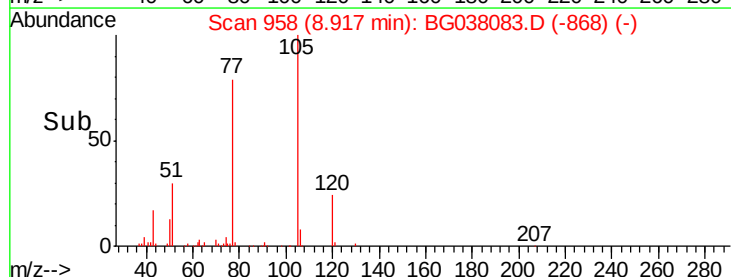


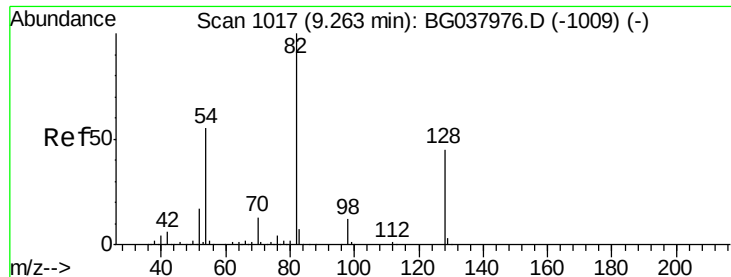
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

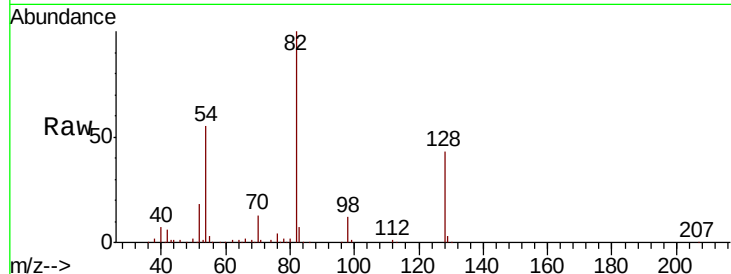




#23
 Nitrobenzene-d5
 Concen: 59.827 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	195140
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.6	51.8
54	55.4	45.3	67.9

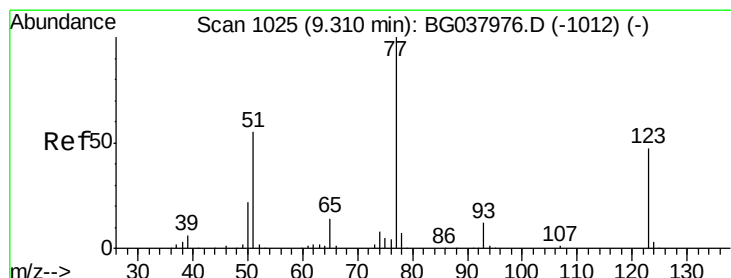
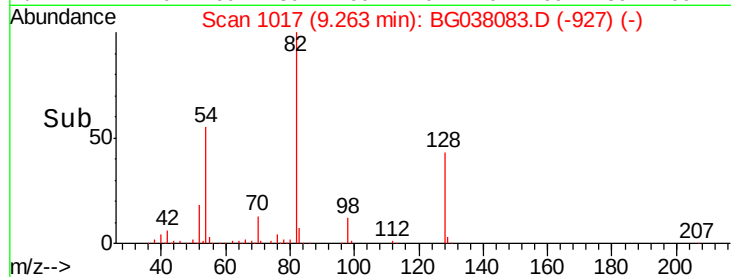
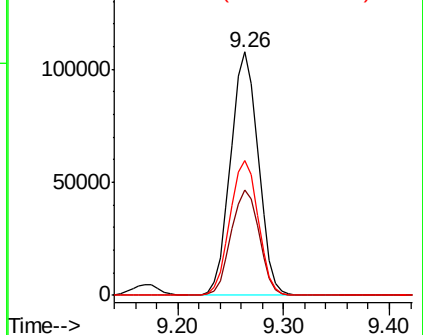


Abundance

Ion 82.00 (81.70 to 82.70): BGC

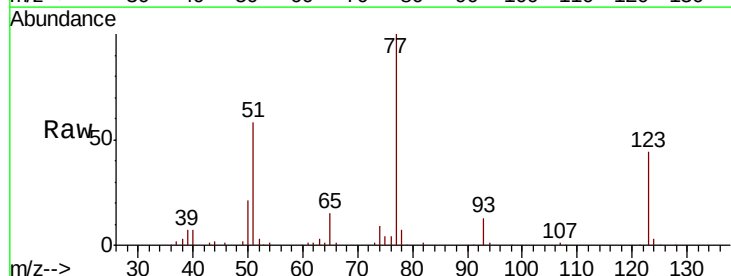
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 38.278 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion	77	Resp	127720
Ion Ratio	Lower	Upper	
77	100		
123	44.1	33.6	50.4
65	14.5	11.3	16.9

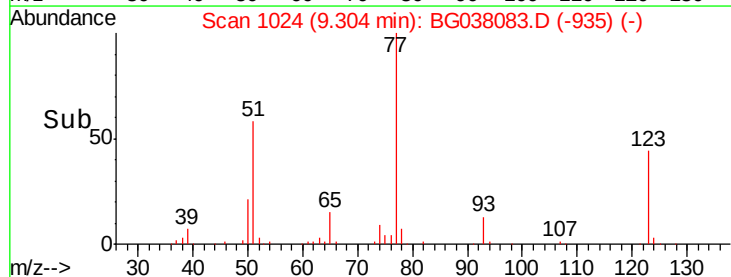
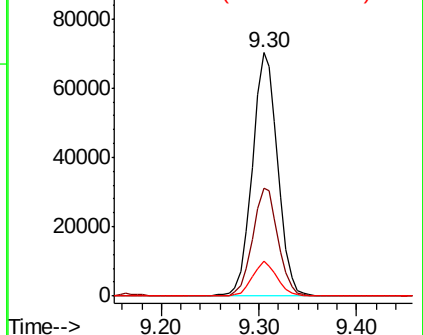


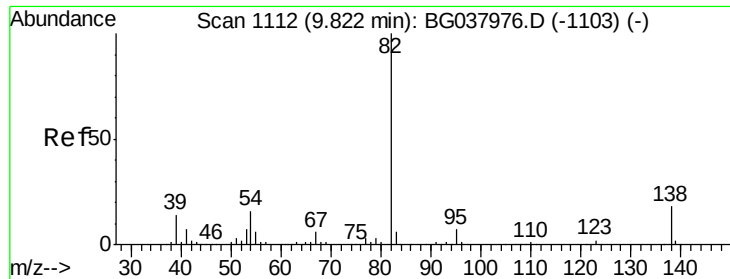
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.433 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

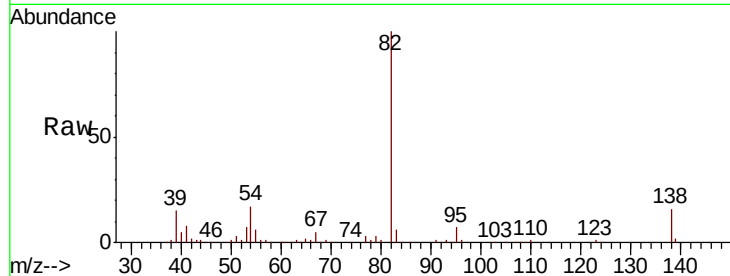
Tot Ion: 82 Resp: 237373

Ion Ratio Lower Upper

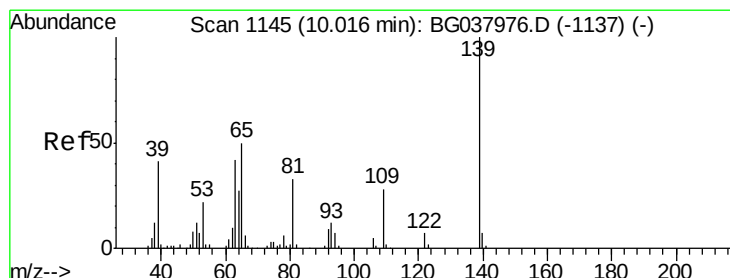
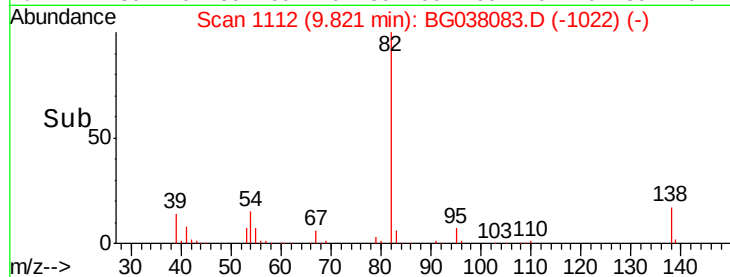
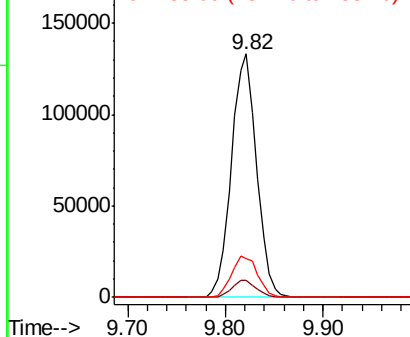
82 100

95 7.1 5.3 7.9

138 16.1 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 37.233 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

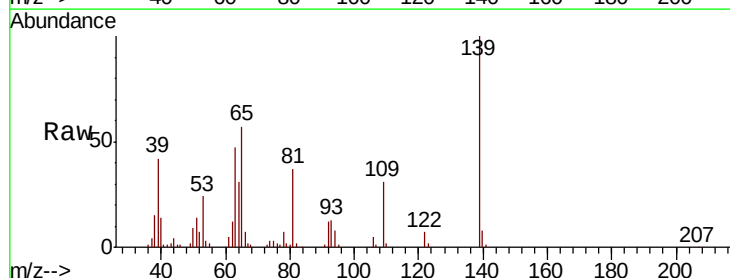
Tgt Ion: 139 Resp: 62020

Ion Ratio Lower Upper

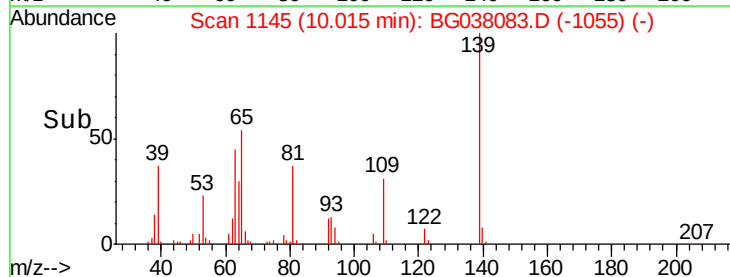
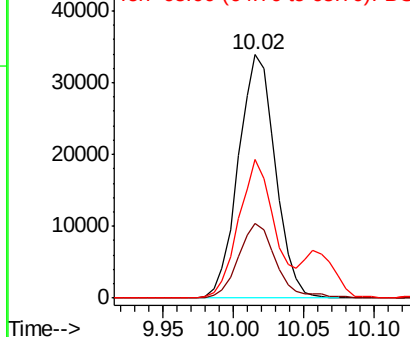
139 100

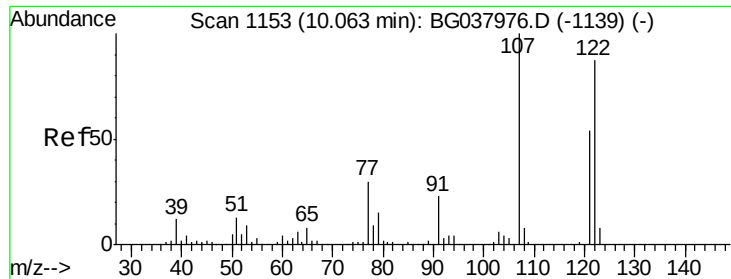
109 30.6 23.3 34.9

65 56.8 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

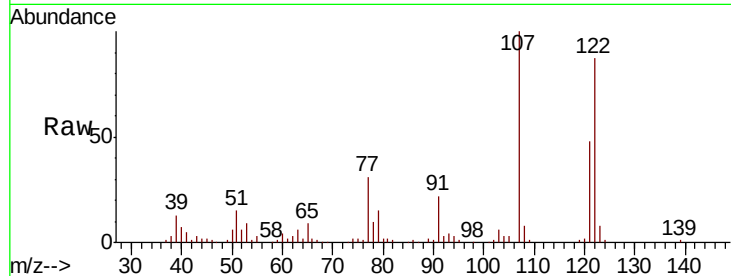




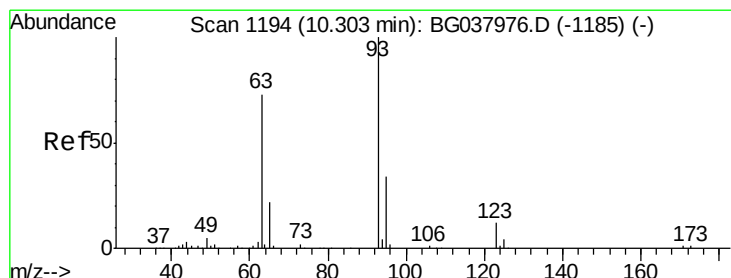
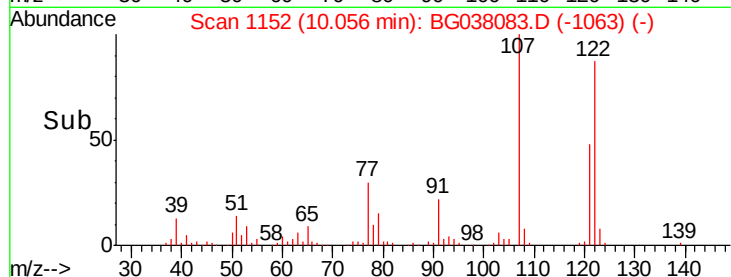
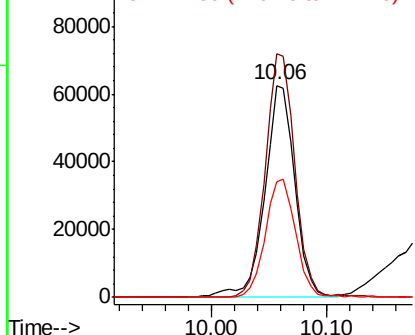
#27
 2,4-Dimethylphenol
 Concen: 45.357 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 113834
 Ion Ratio Lower Upper
 122 100
 107 114.8 94.2 141.2
 121 54.8 47.3 70.9

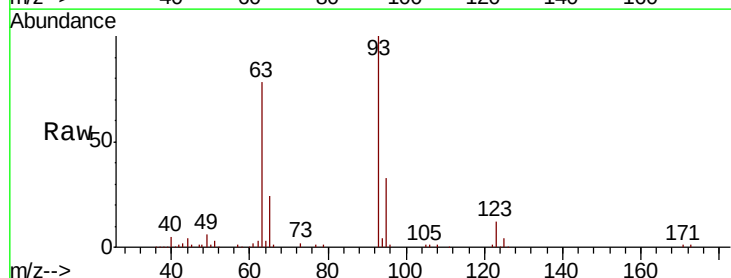


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

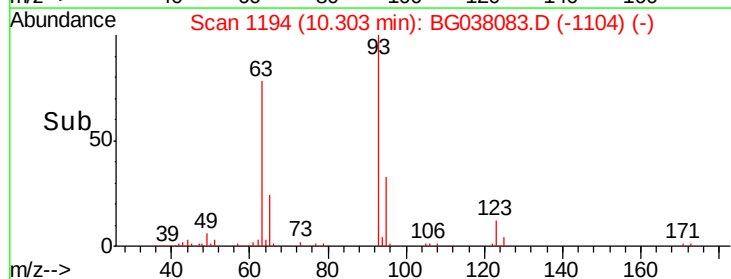
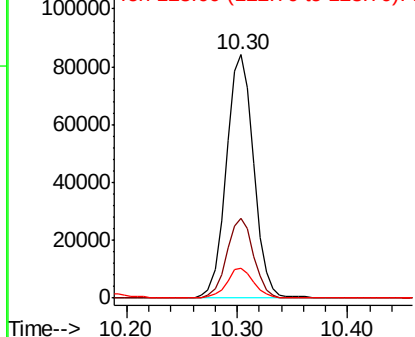


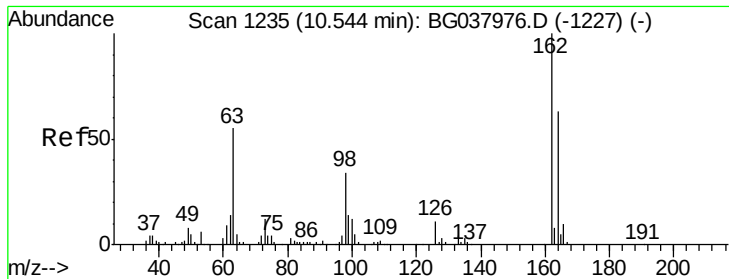
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.852 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion: 93 Resp: 145851
 Ion Ratio Lower Upper
 93 100
 95 32.6 24.6 37.0
 123 12.1 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

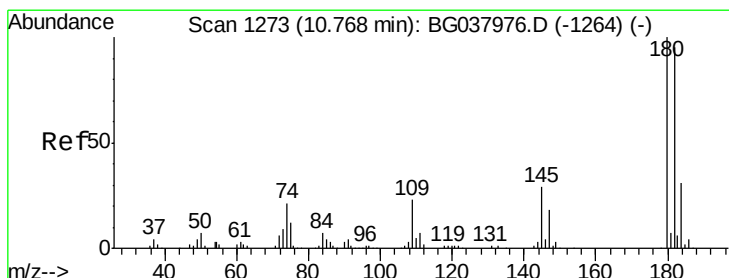
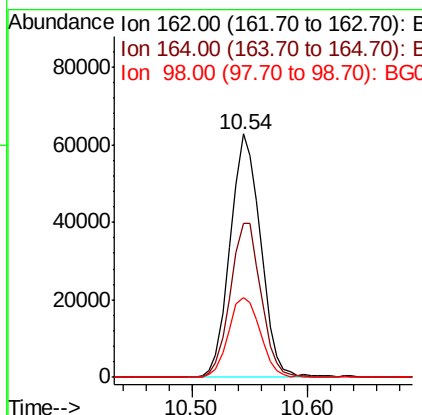
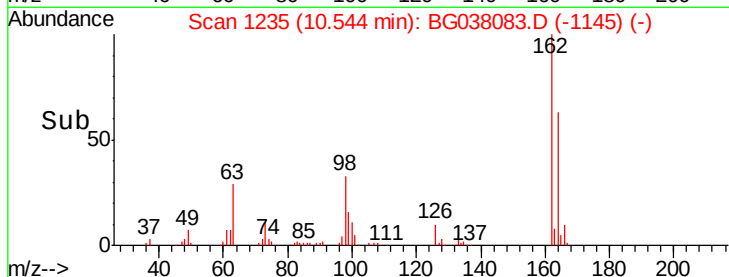
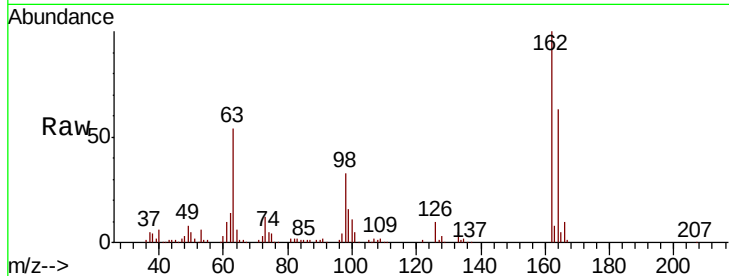




#29
 2,4-Dichlorophenol
 Concen: 40.729 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

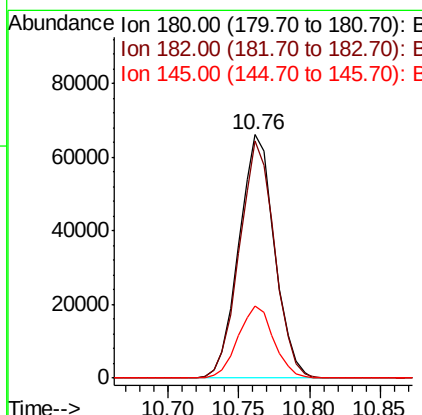
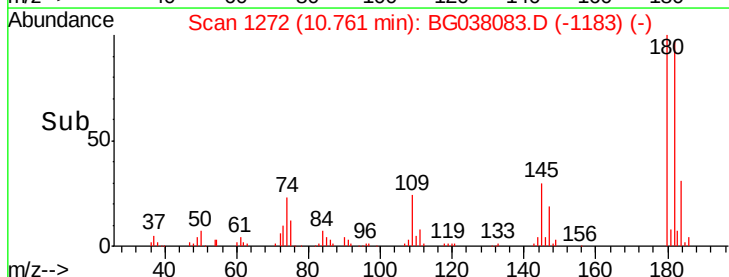
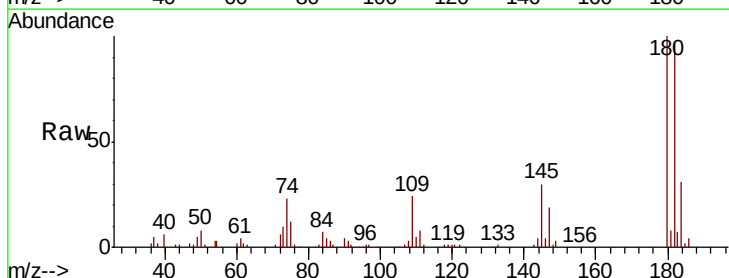
Instrument :
 BNA_G
 ClientSampleId :

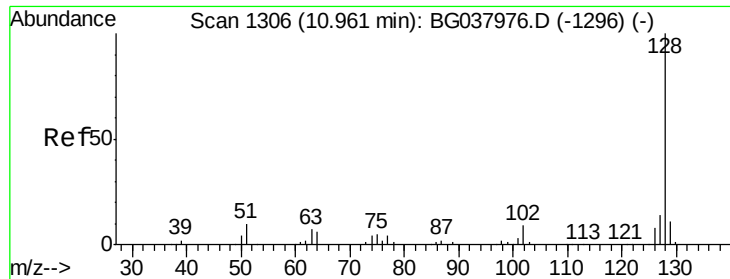
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	32.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.838 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.7	116.5
145	29.7	23.3	34.9

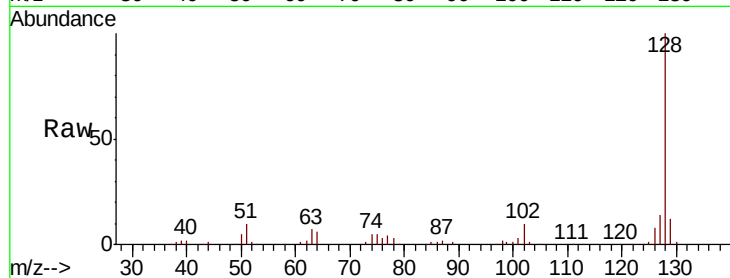




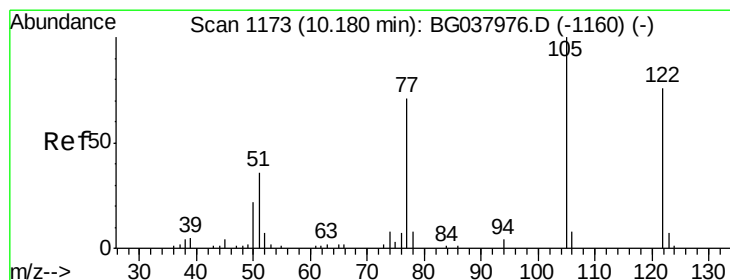
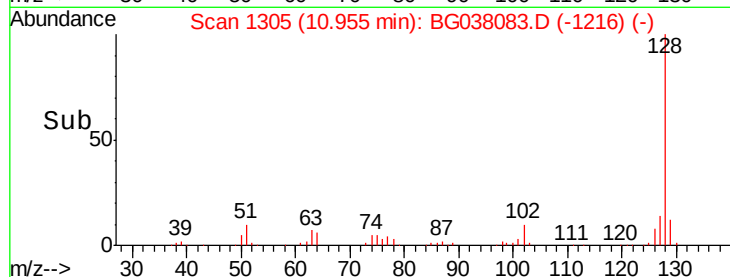
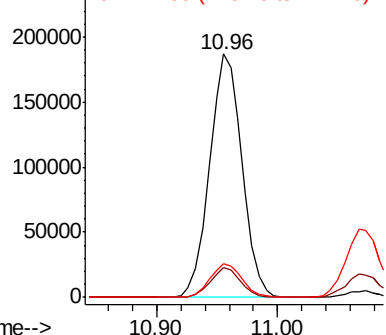
#31
Naphthalene
Concen: 40.375 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 346729
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.9 11.1 16.7

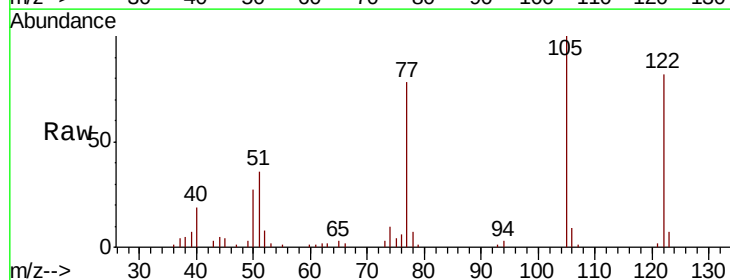


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

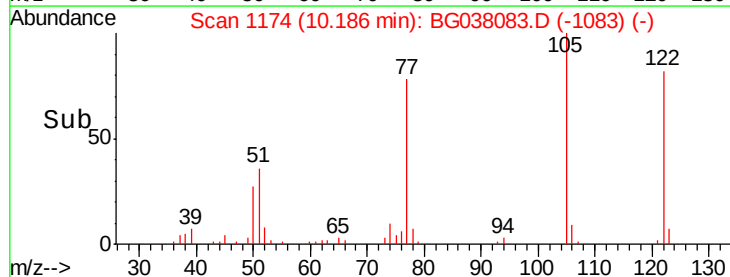
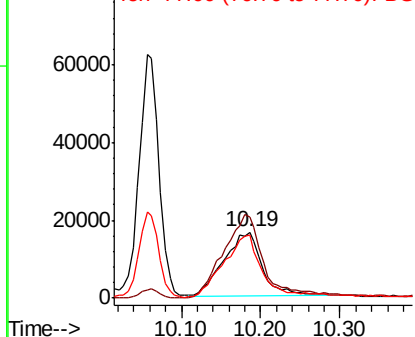


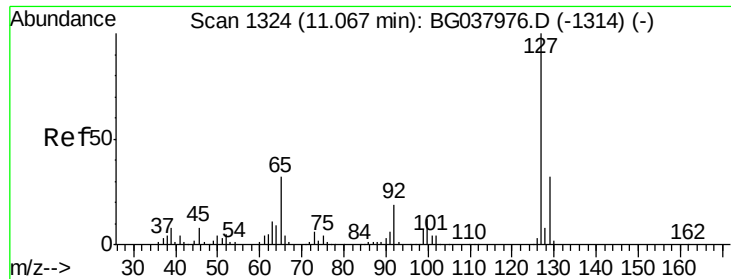
#32
Benzoic acid
Concen: 38.090 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:122 Resp: 56016
Ion Ratio Lower Upper
122 100
105 122.3 106.7 146.7
77 94.9 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

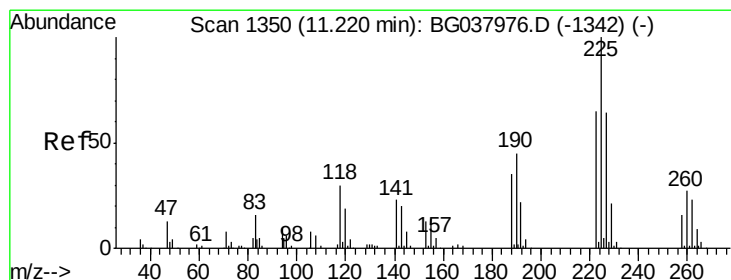
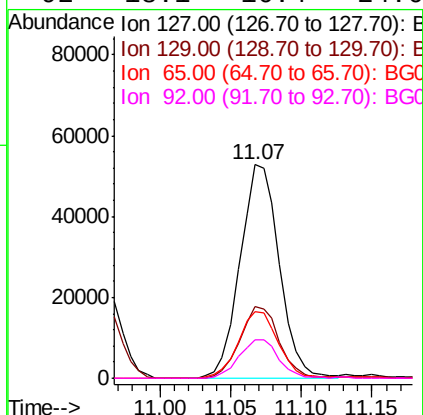
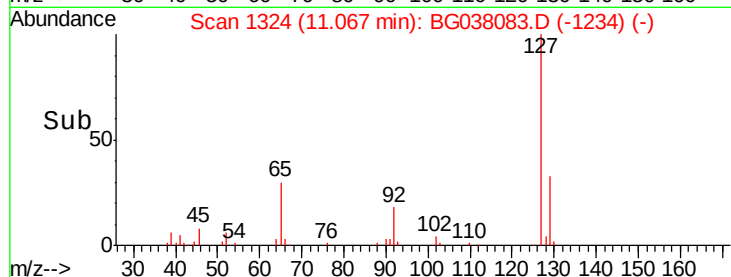
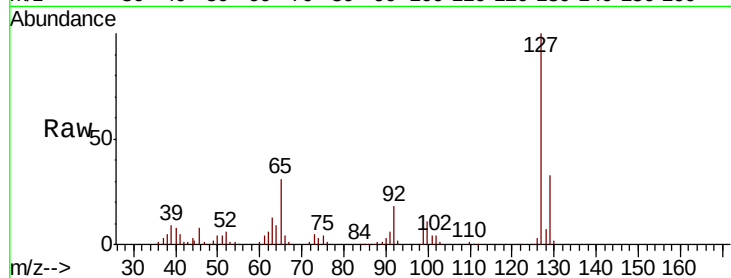




#33
4-Chloroaniline
Concen: 25.716 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

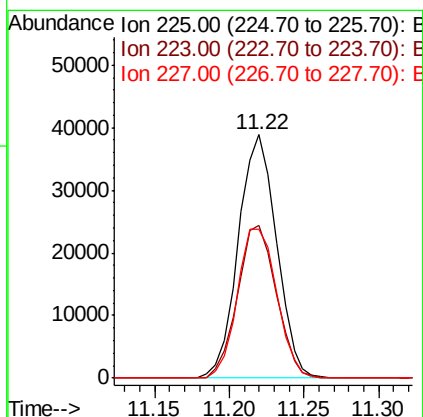
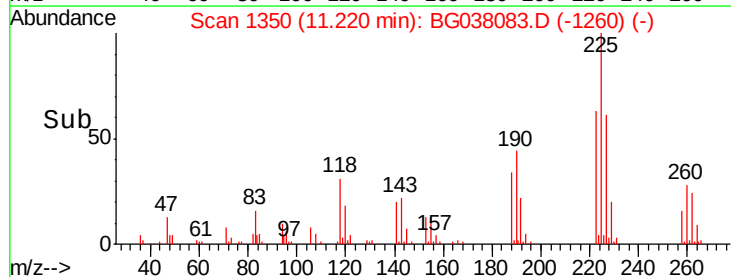
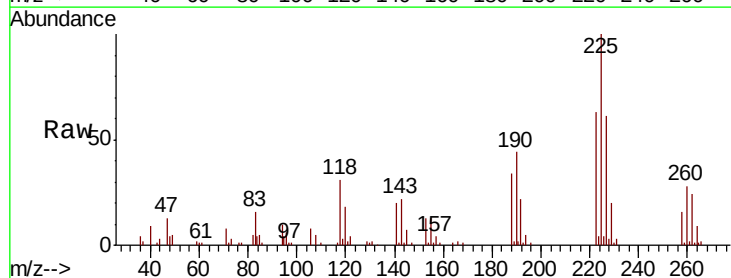
Instrument :
BNA_G
ClientSampleId :

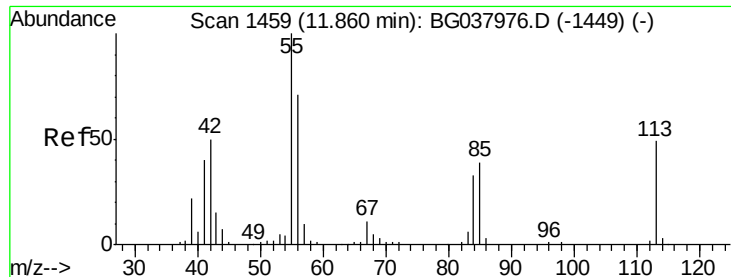
Tot Ion:127	Resp:	102729
Ion	Ratio	Lower Upper
127	100	
129	33.3	27.1 40.7
65	31.0	26.6 39.8
92	18.1	16.4 24.6



#34
Hexachlorobutadiene
Concen: 35.390 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:225	Resp:	68900
Ion	Ratio	Lower Upper
225	100	
223	60.3	48.2 72.4
227	58.8	51.6 77.4

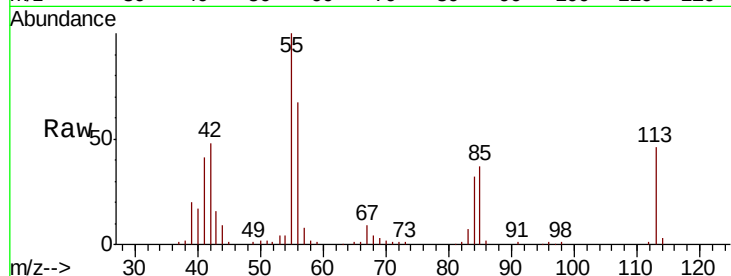




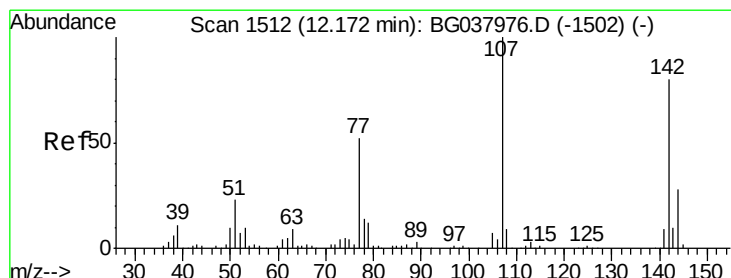
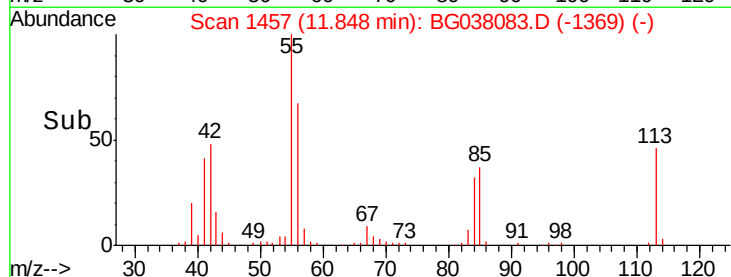
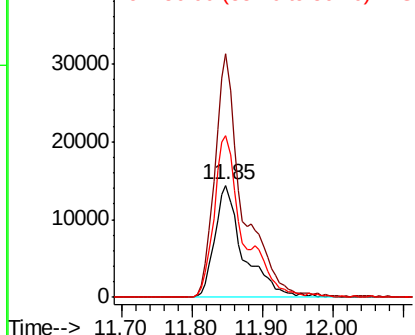
#35
 Caprolactam
 Concen: 36.054 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 40739
 Ion Ratio Lower Upper
 113 100
 55 216.7 176.6 216.6#
 56 144.3 128.3 168.3

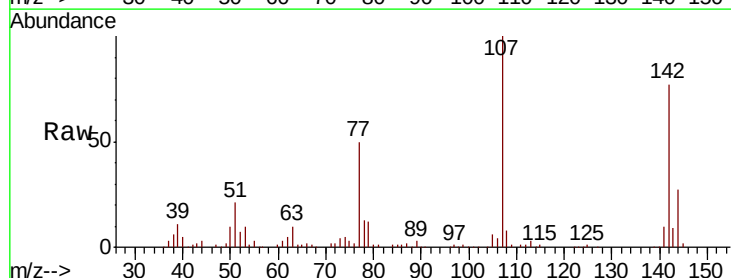


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

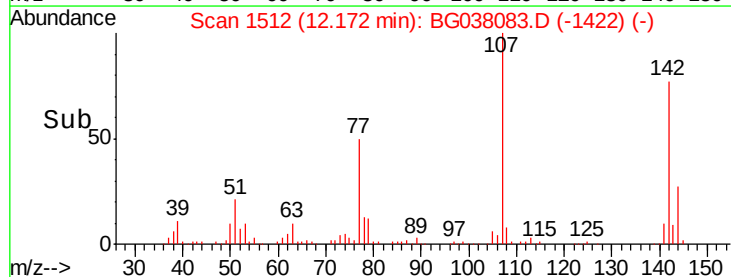
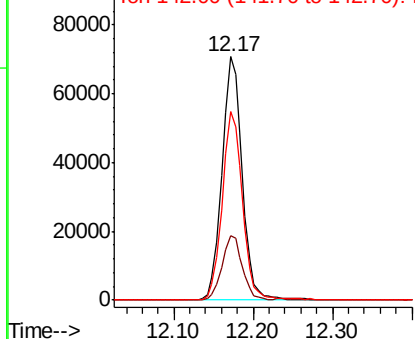


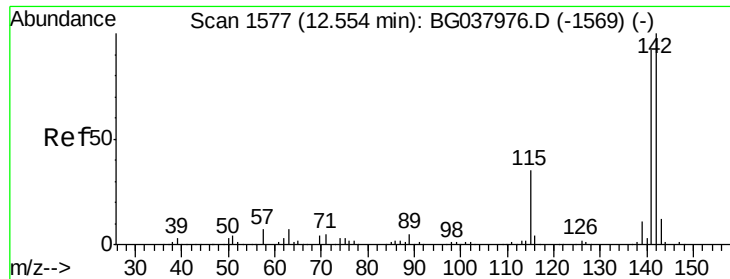
#36
 4-Chloro-3-methylphenol
 Concen: 40.457 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:107 Resp: 124772
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.7 31.1
 142 77.3 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

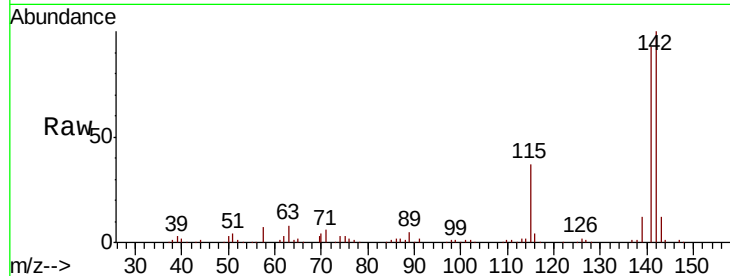




#37
 2-Methylnaphthalene
 Concen: 41.638 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.9	107.9
115	37.0	27.8	41.8

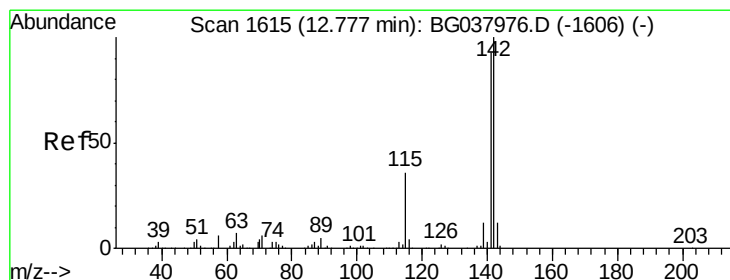
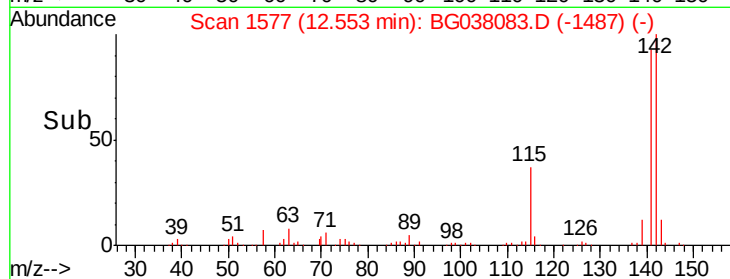
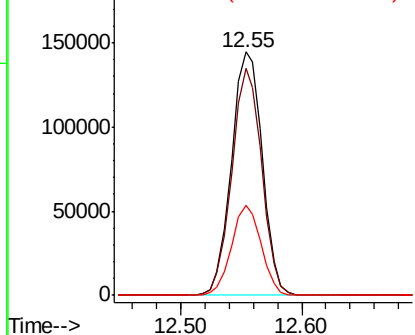


Abundance

Ion 142.00 (141.70 to 142.70): E

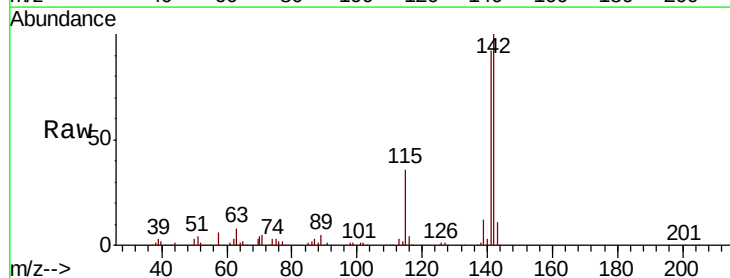
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 40.859 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.2	112.8
116	3.9	3.3	4.9

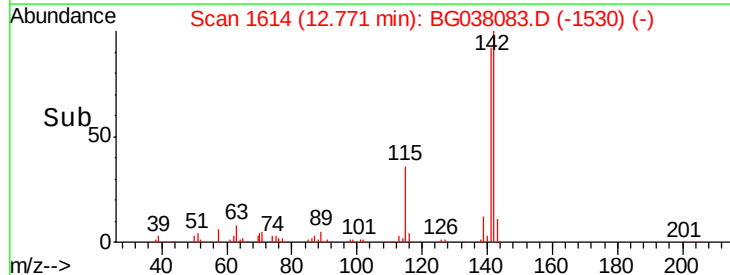
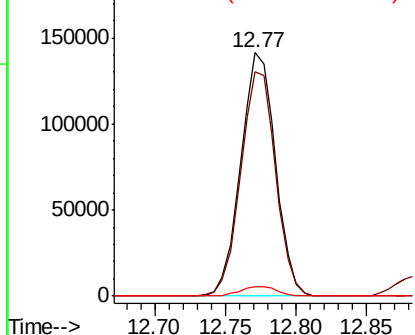


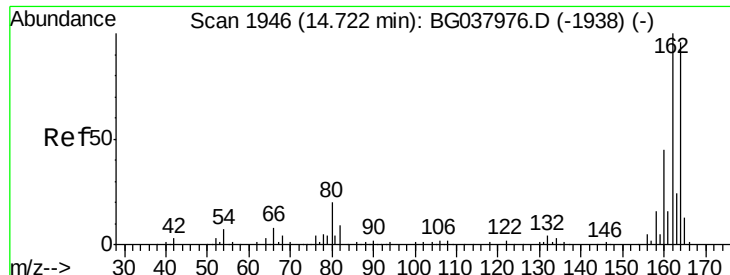
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampled :

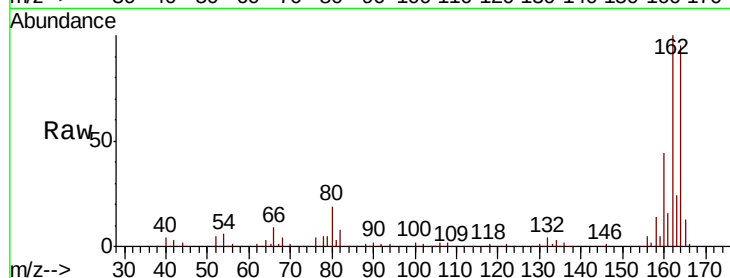
Tot Ion:164 Resp: 109559

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

160 46.1 36.3 54.5

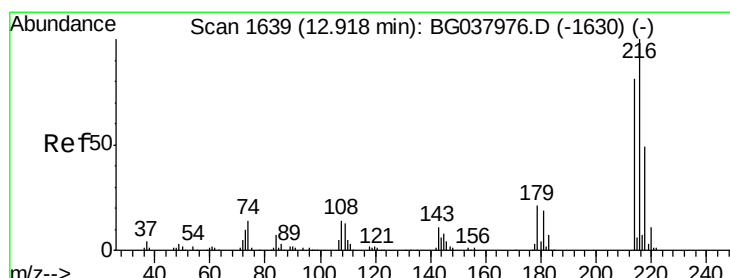
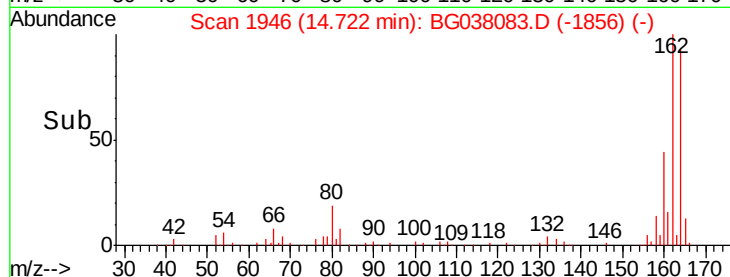
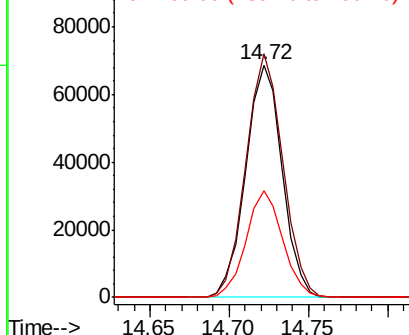


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.615 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion:216 Resp: 134048

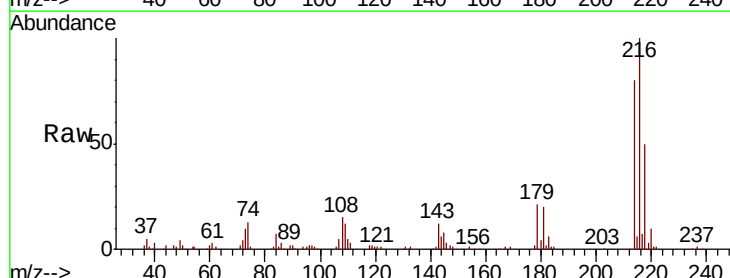
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.7 17.4 26.0

108 19.1 13.9 20.9



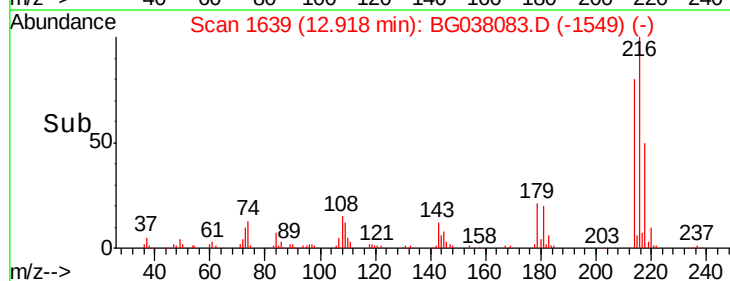
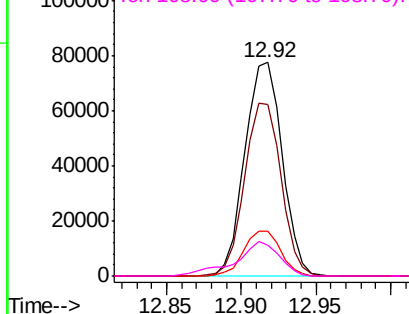
Abundance

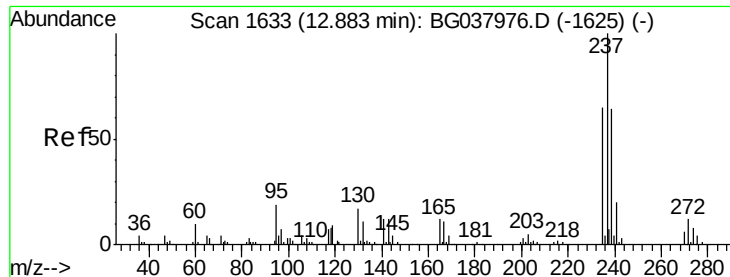
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.929 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampled :

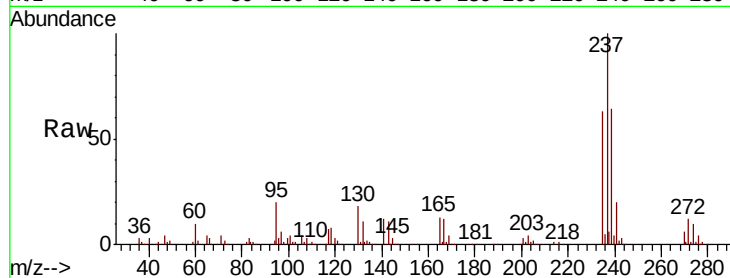
Tot Ion:237 Resp: 162571

Ion Ratio Lower Upper

237 100

235 63.1 42.5 82.5

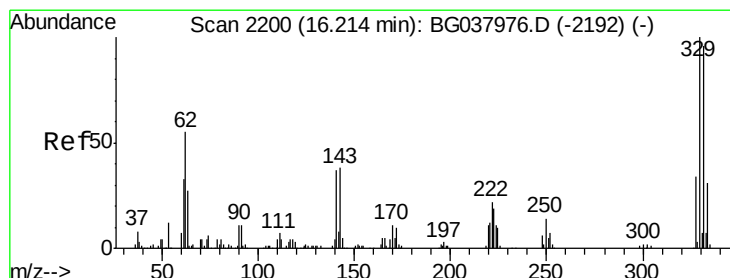
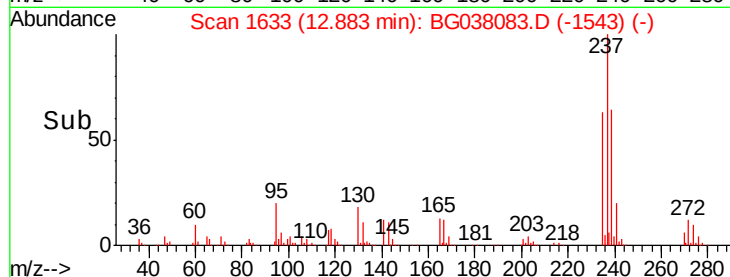
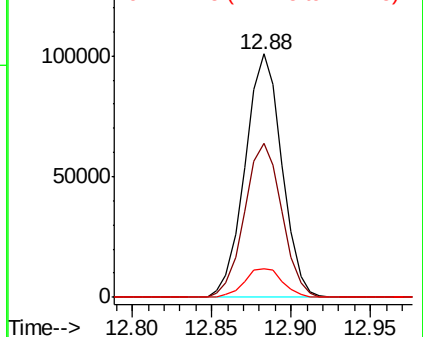
272 11.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.067 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

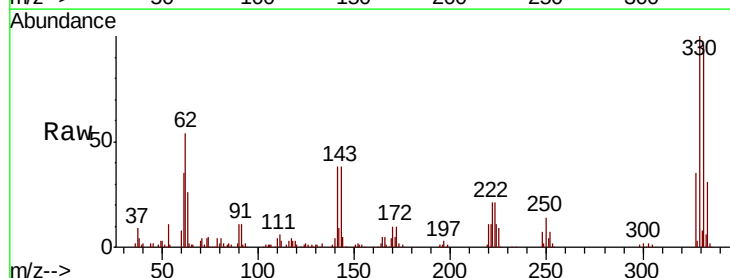
Tgt Ion:330 Resp: 143776

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

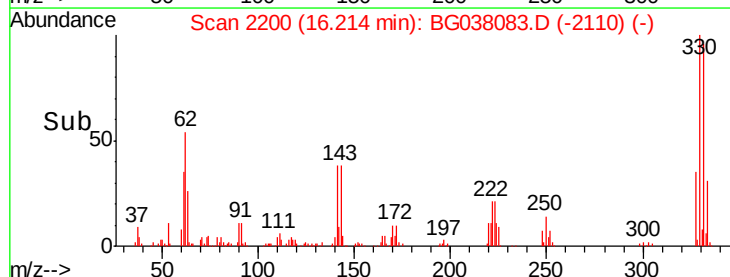
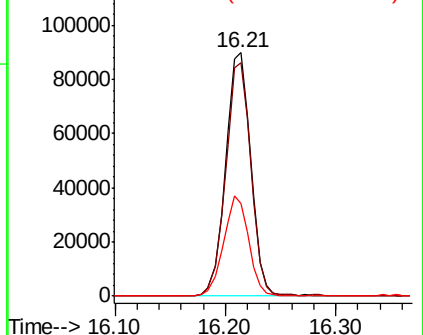
141 40.6 32.2 48.2

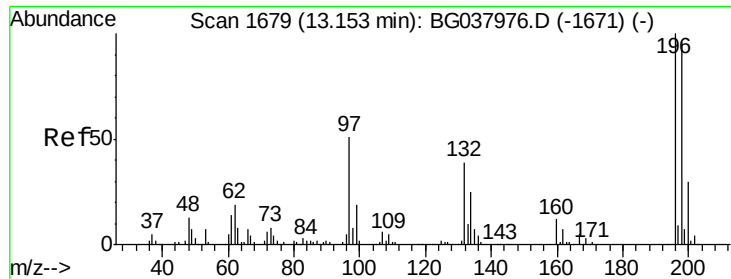


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

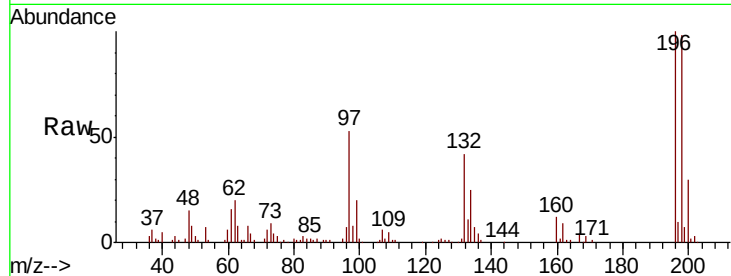




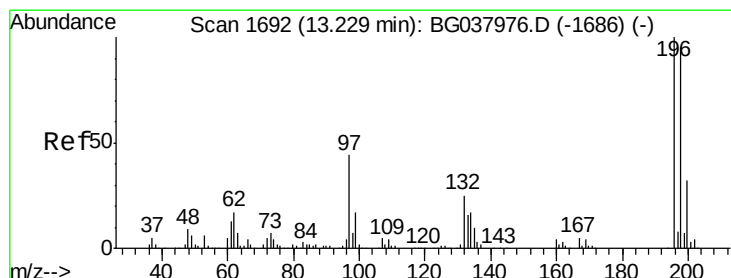
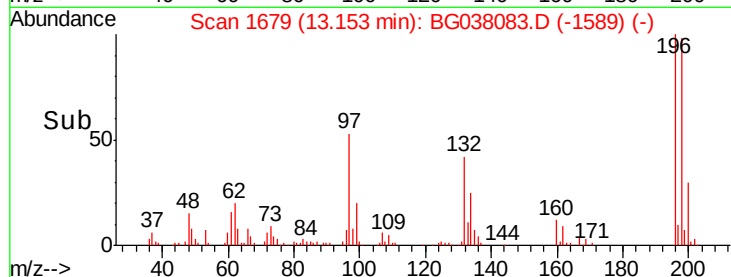
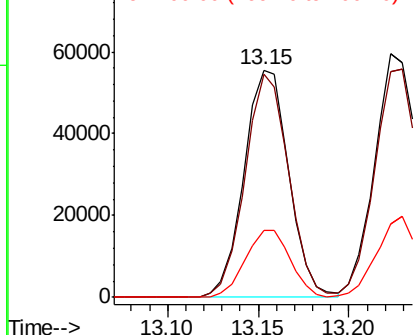
#43
 2,4,6-Trichlorophenol
 Concen: 38.222 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 95353
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.4 114.6
 200 29.6 24.9 37.3

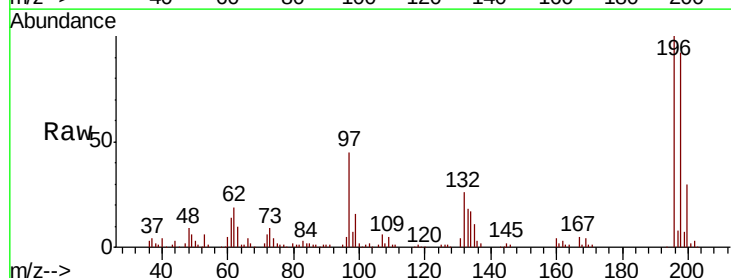


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

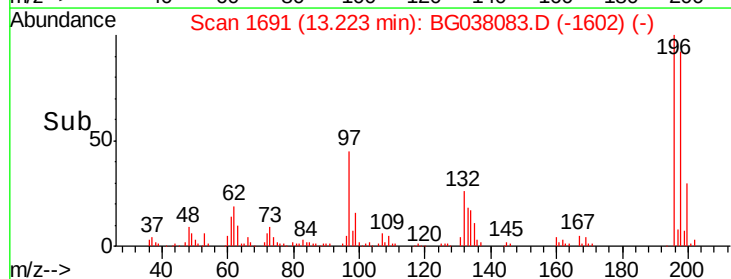
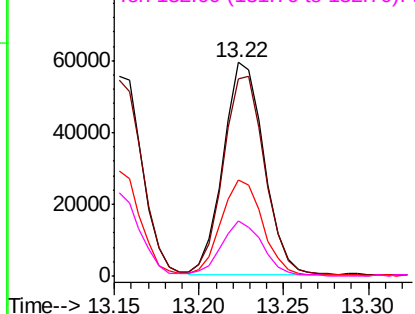


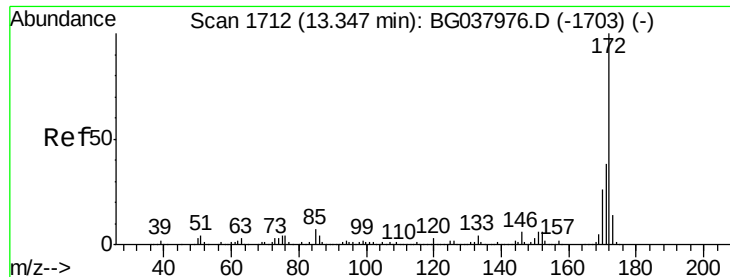
#44
 2,4,5-Trichlorophenol
 Concen: 38.134 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:196 Resp: 100098
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.2
 97 44.8 34.1 51.1
 132 25.8 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

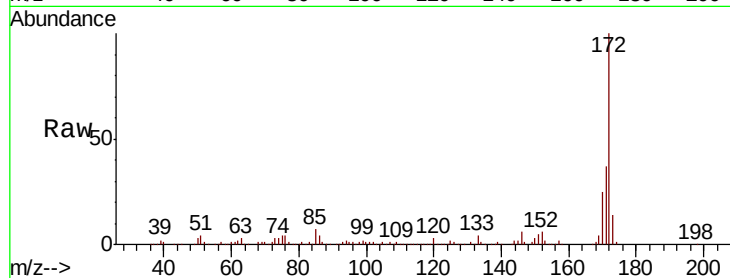




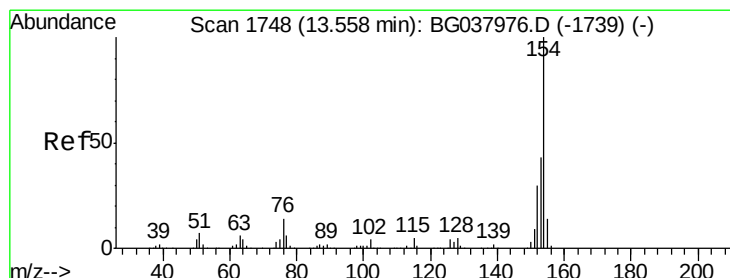
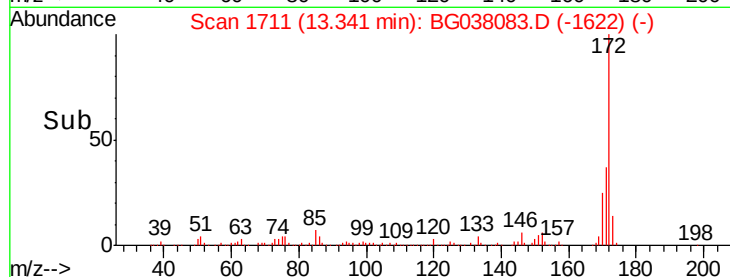
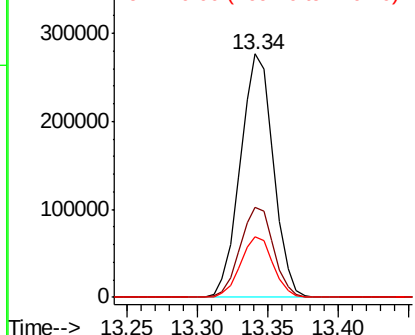
#45
 2-Fluorobiphenyl
 Concen: 60.072 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 451759
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 24.9 20.2 30.2

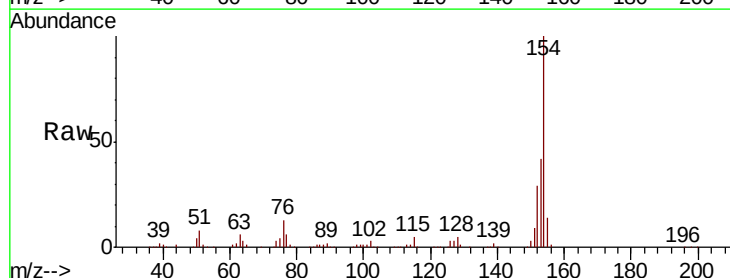


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

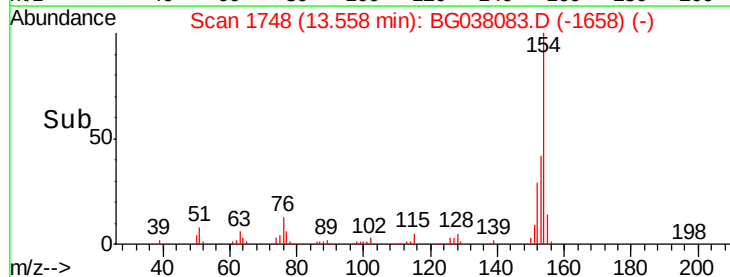
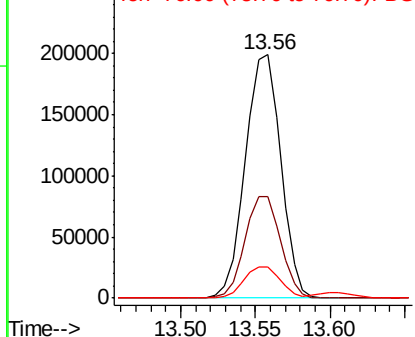


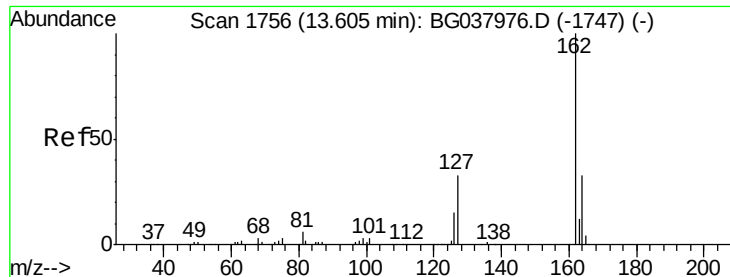
#46
 1,1'-Biphenyl
 Concen: 35.442 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:154 Resp: 326217
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.1 62.1
 76 12.9 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

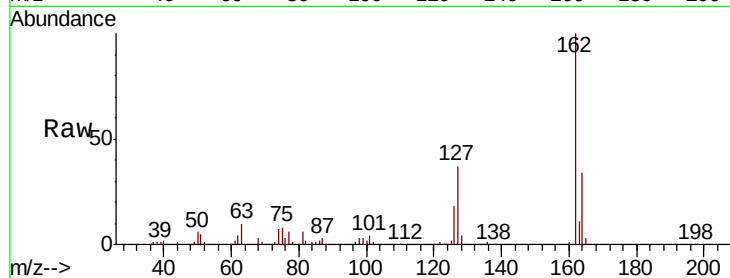




#47
 2-Chloronaphthalene
 Concen: 36.995 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.5	45.7
164	34.0	26.4	39.6

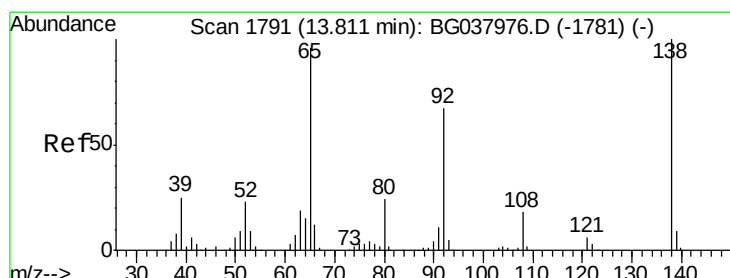
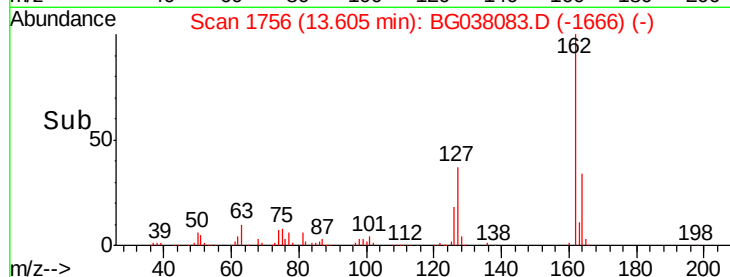
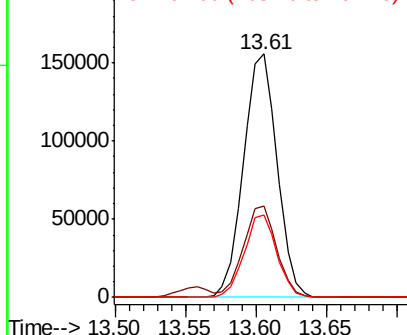


Abundance

Ion 162.00 (161.70 to 162.70): E

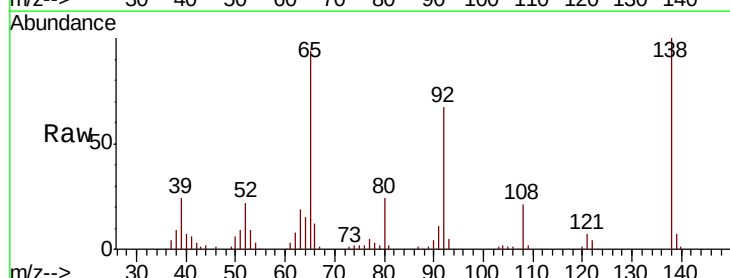
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.243 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.2	79.8
138	106.7	79.3	118.9

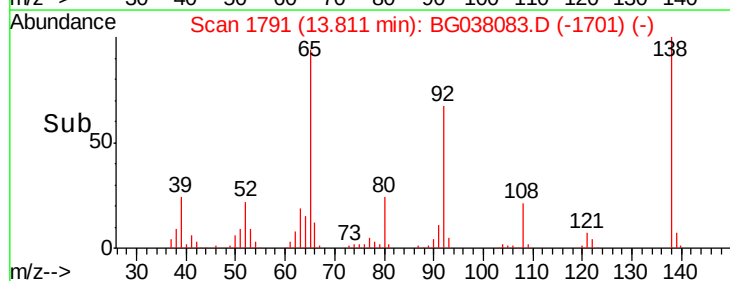
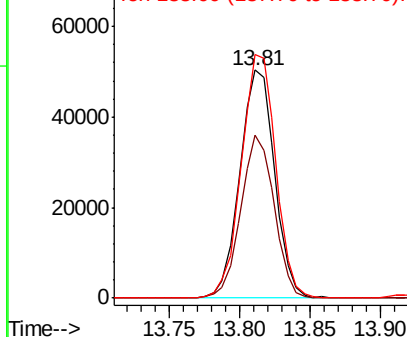


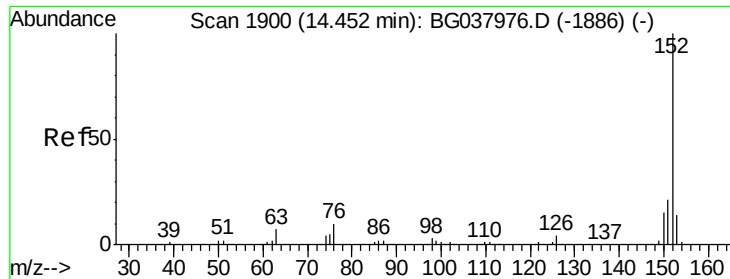
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.832 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

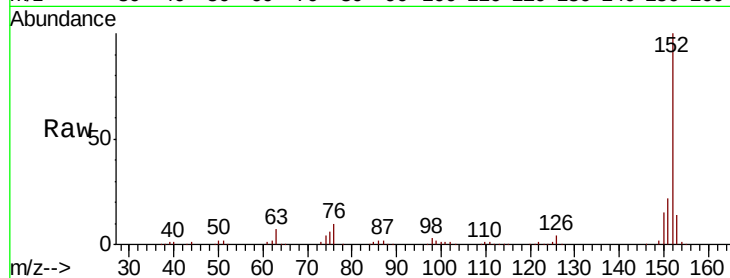
Tot Ion:152 Resp: 431269

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

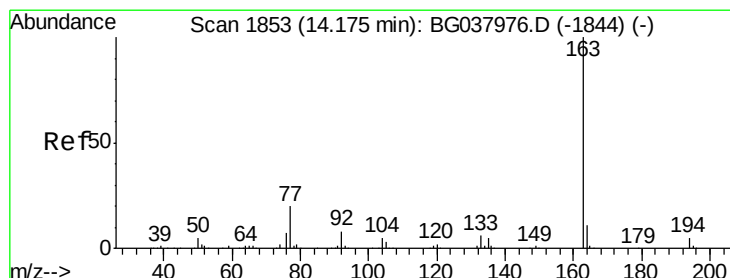
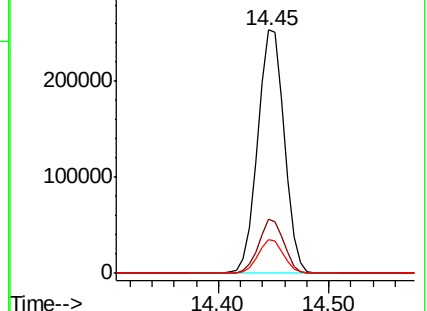
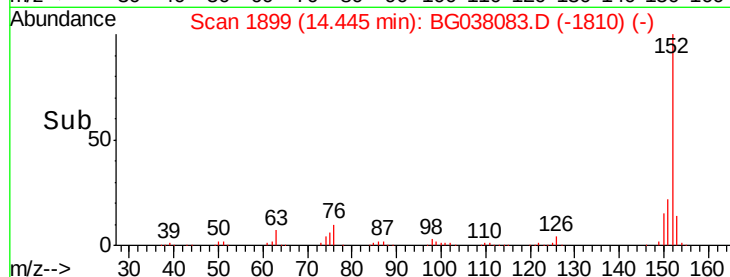
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.746 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

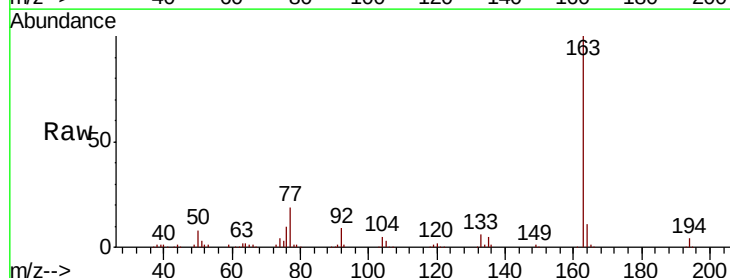
Tgt Ion:163 Resp: 327847

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

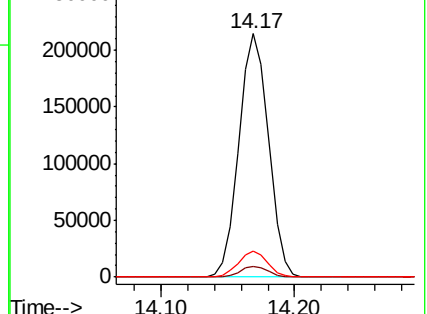
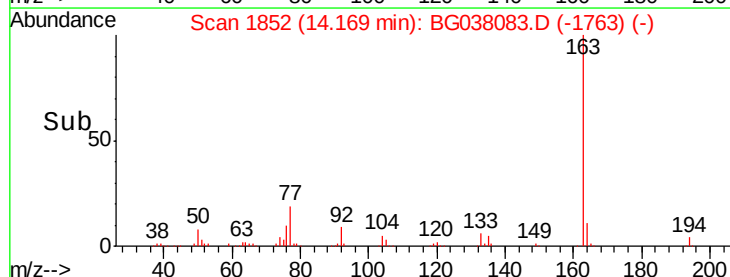
164 10.5 8.5 12.7

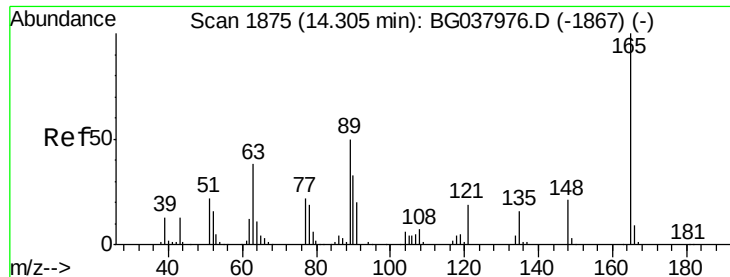


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

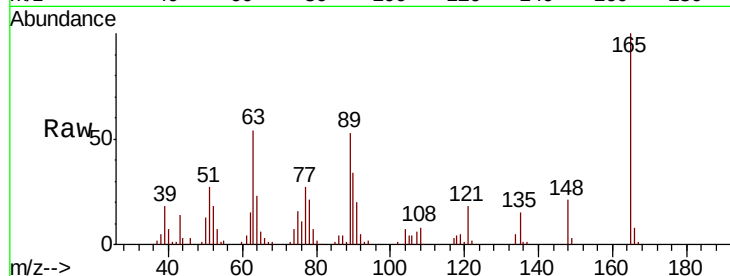




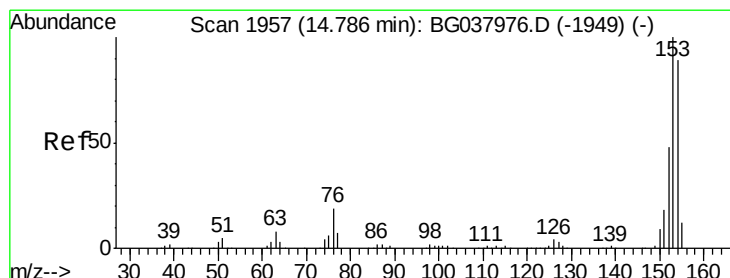
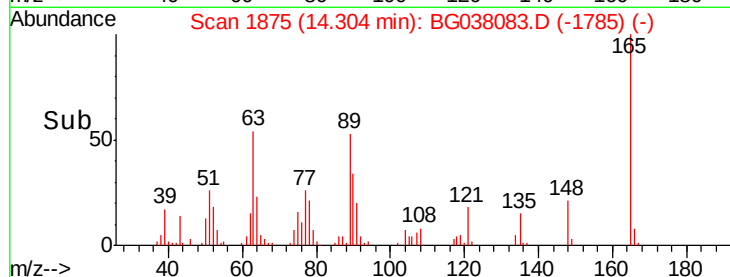
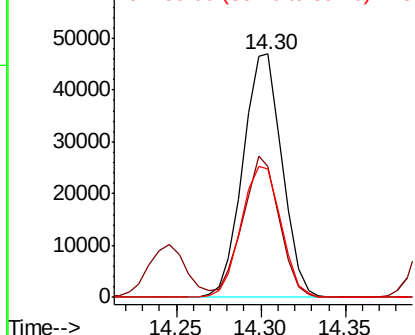
#51
 2,6-Dinitrotoluene
 Concen: 38.390 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:165 Resp: 75467
 Ion Ratio Lower Upper
 165 100
 63 53.7 43.4 65.2
 89 52.9 45.8 68.6

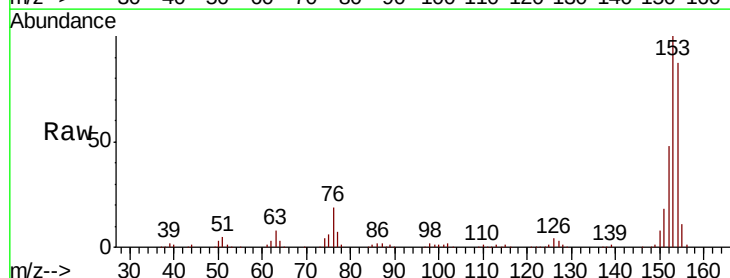


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

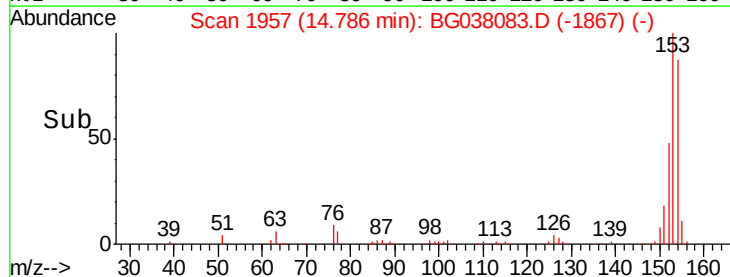
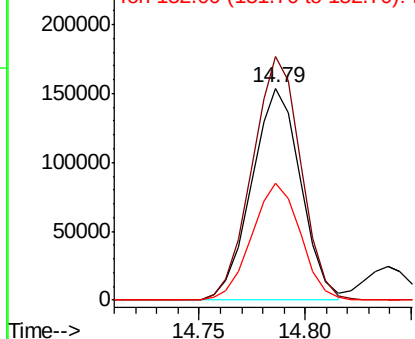


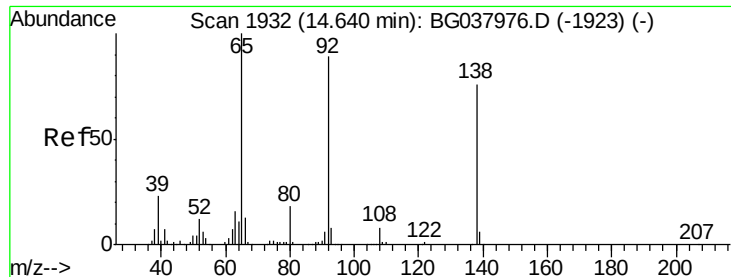
#52
 Acenaphthene
 Concen: 39.094 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:154 Resp: 248581
 Ion Ratio Lower Upper
 154 100
 153 114.9 93.4 140.0
 152 55.2 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.762 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampled :

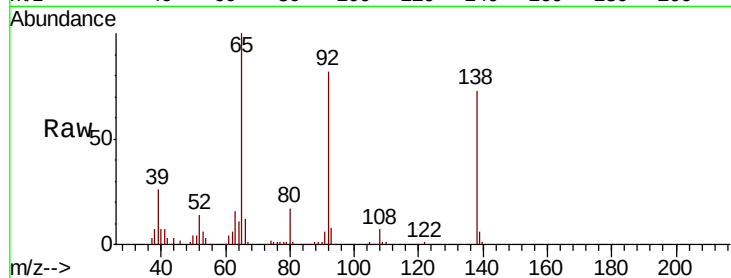
Tot Ion:138 Resp: 66727

Ion Ratio Lower Upper

138 100

108 9.2 11.0 16.6#

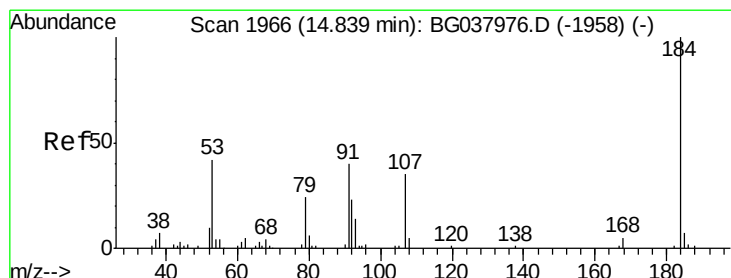
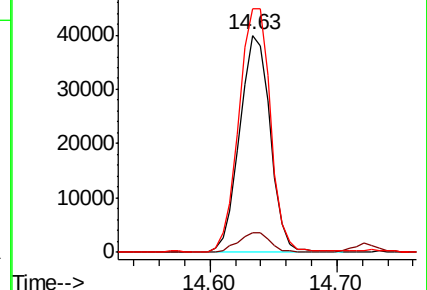
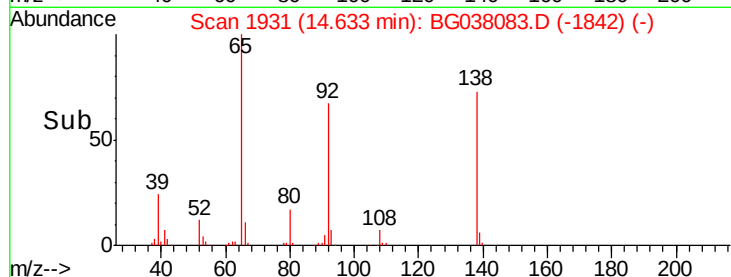
92 112.0 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 68.500 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

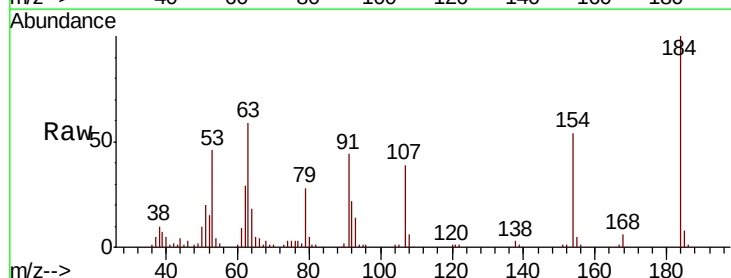
Tgt Ion:184 Resp: 71072

Ion Ratio Lower Upper

184 100

63 58.8 42.6 63.8

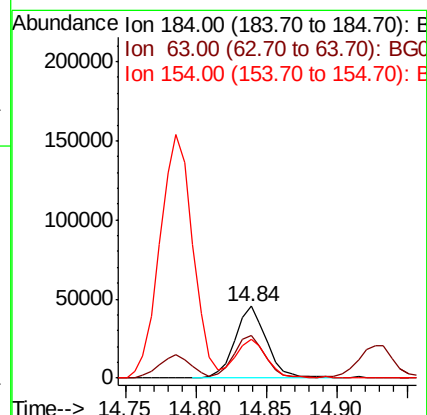
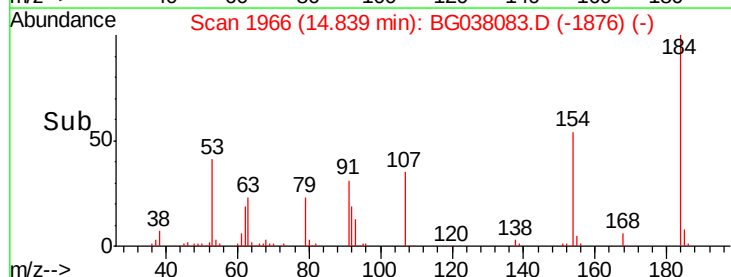
154 54.3 41.8 62.6

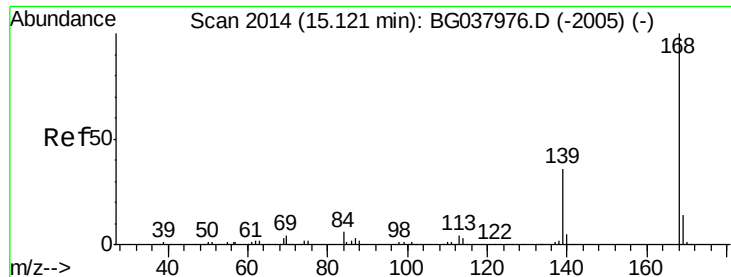


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 37.991 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

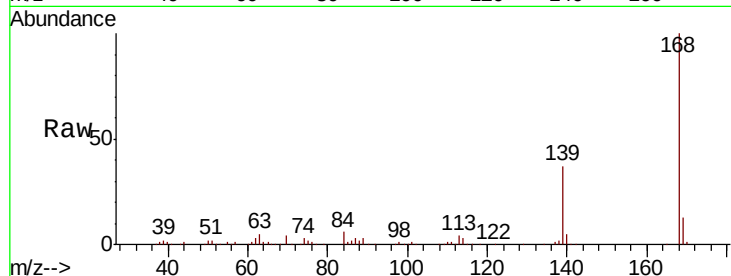
Tot Ion:168 Resp: 399444

Ion Ratio Lower Upper

168 100

139 36.8 29.4 44.0

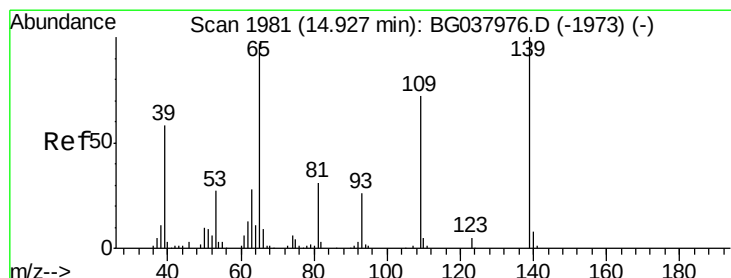
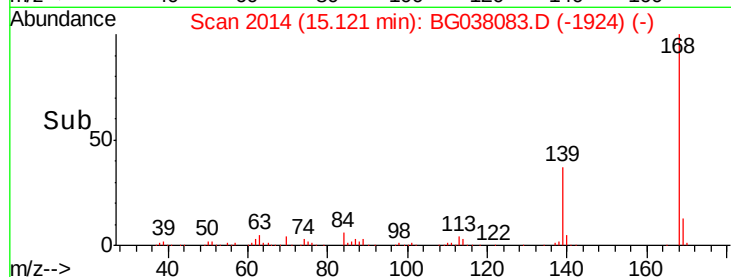
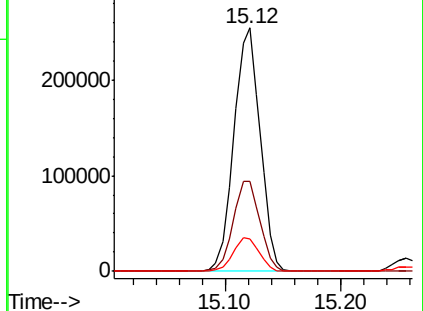
169 13.2 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.796 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

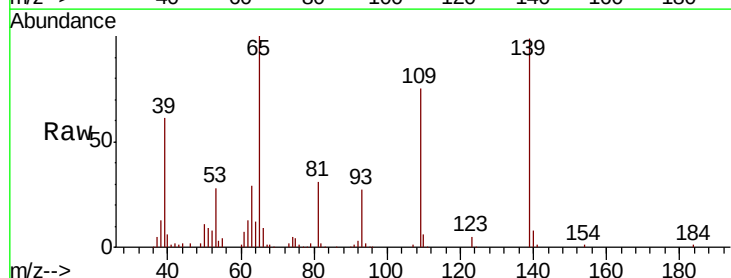
Tgt Ion:139 Resp: 123459

Ion Ratio Lower Upper

139 100

109 76.3 49.5 89.5

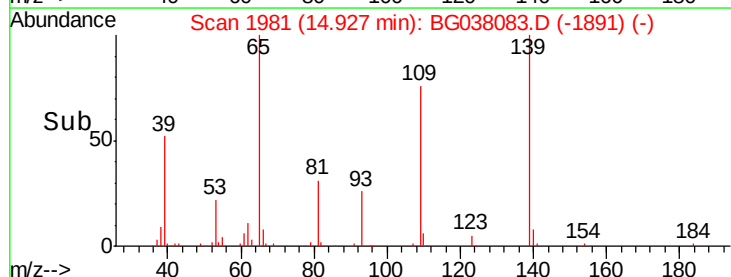
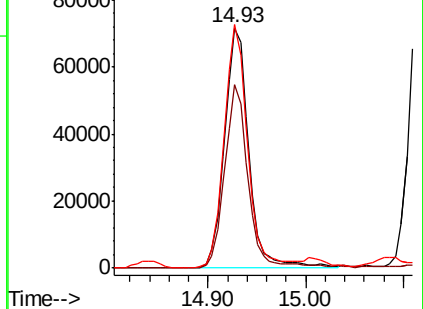
65 101.5 76.8 116.8

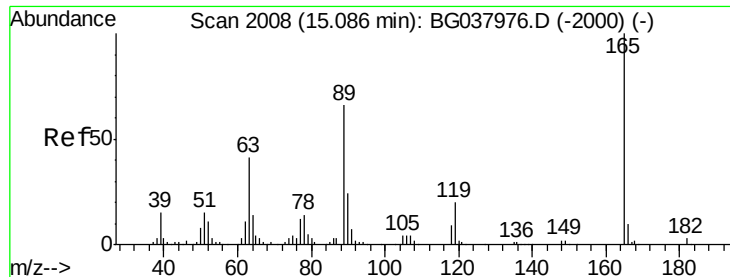


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

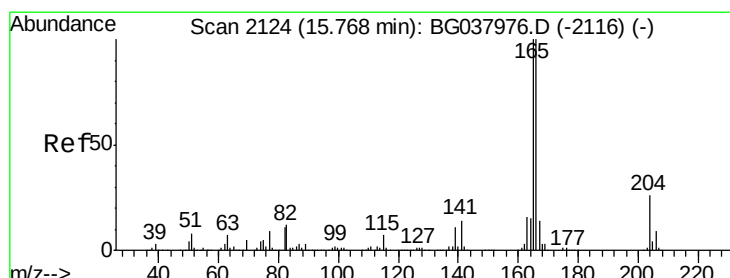
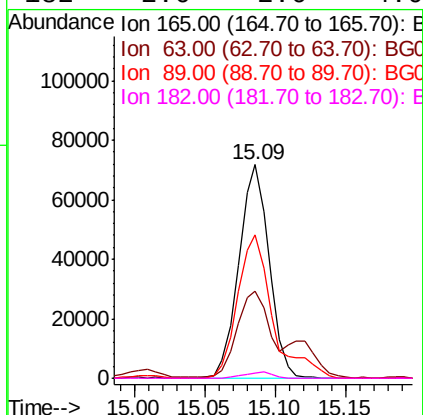
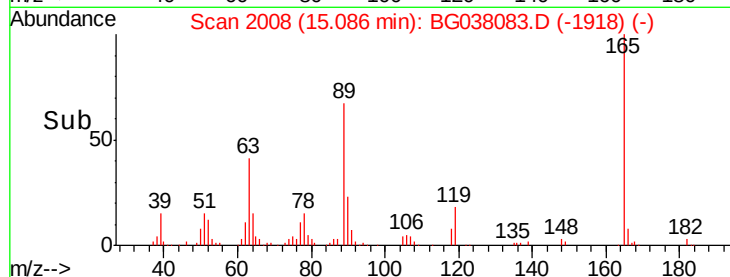
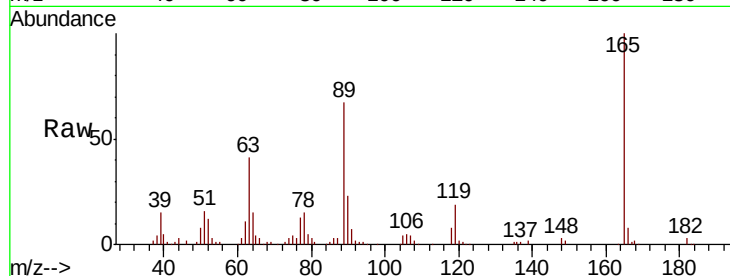




#57
2,4-Dinitrotoluene
Concen: 40.097 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

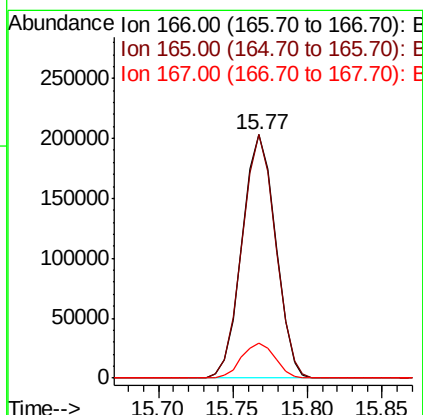
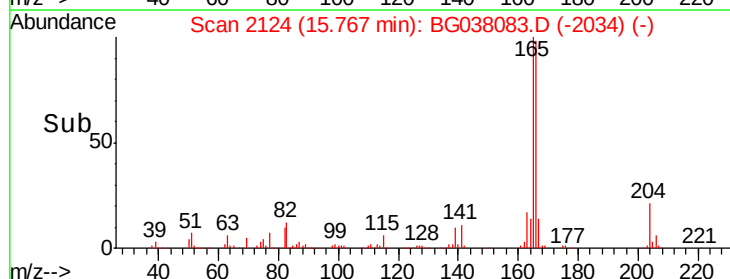
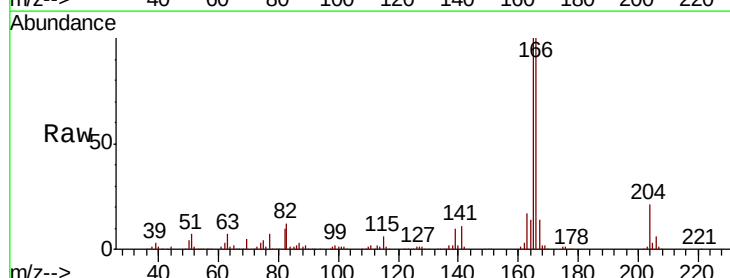
Instrument :
BNA_G
ClientSampleId :

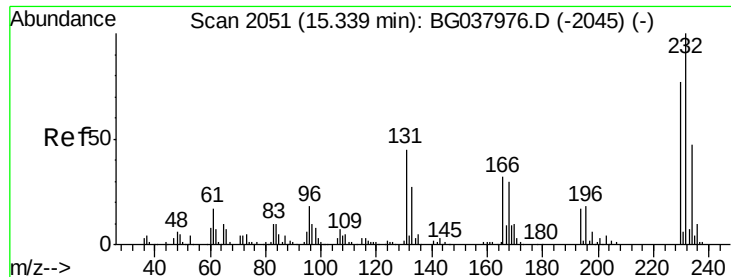
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	33.4	50.0
89	67.2	57.2	85.8
182	2.6	2.6	4.0



#58
Fluorene
Concen: 40.394 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.6
167	14.4	11.3	16.9

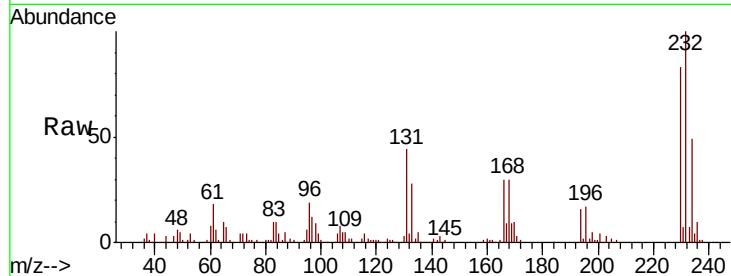




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.856 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	33.7	50.5
130	2.5	2.1	3.1
166	30.9	24.6	36.8



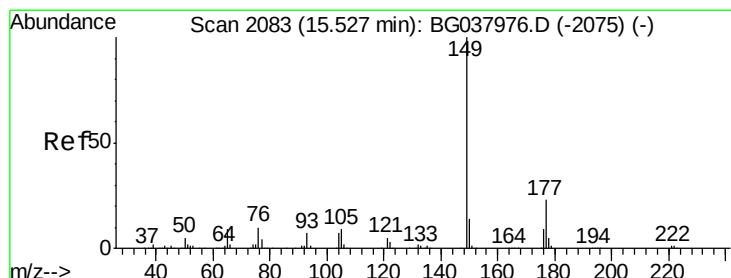
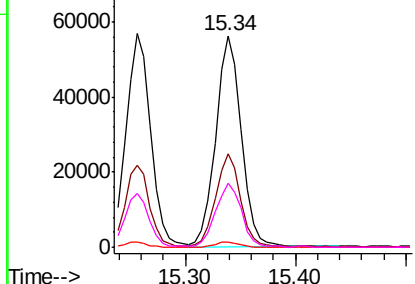
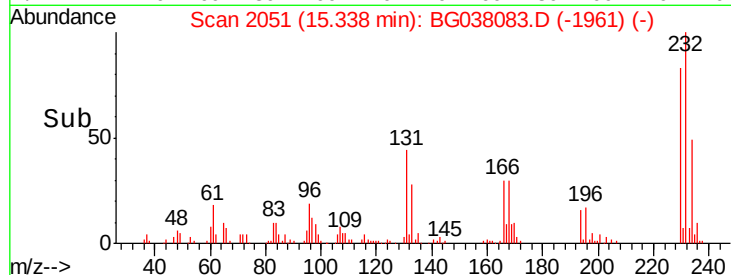
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

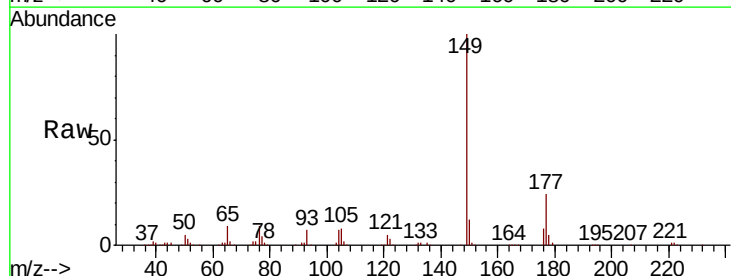
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.937 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	11.9	10.0	15.0

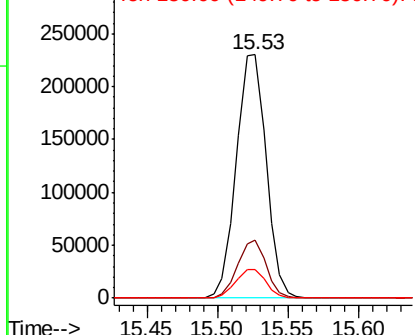
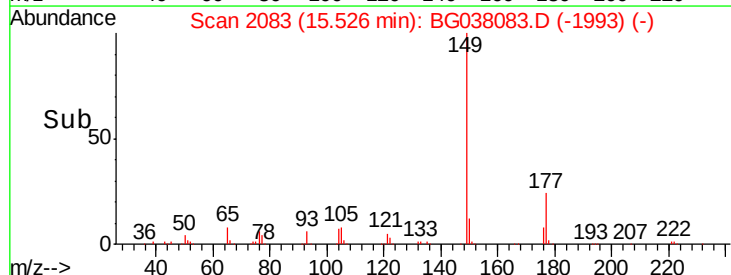


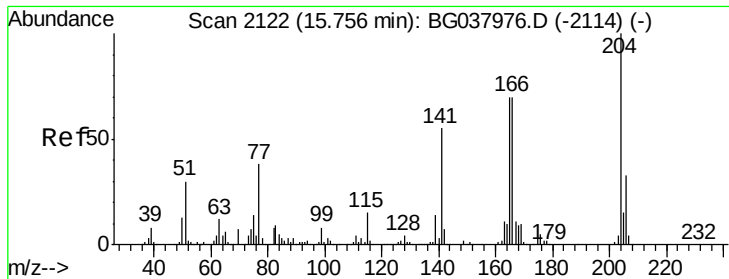
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

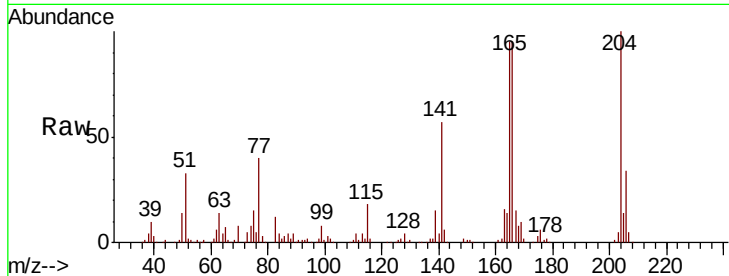




#61
4-Chlorophenyl-phenylether
Concen: 36.074 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	57.4	45.4	68.2

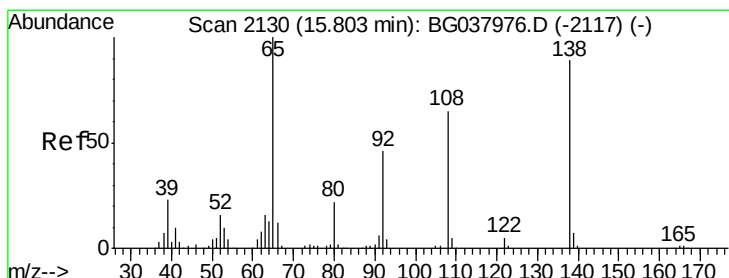
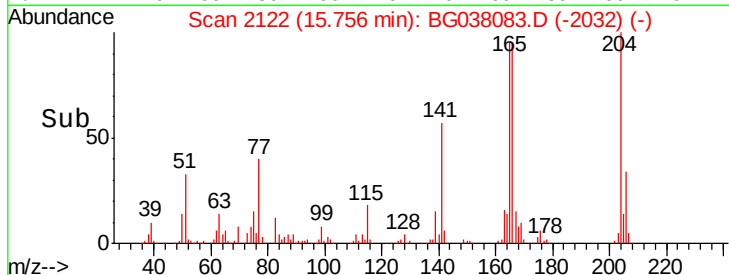
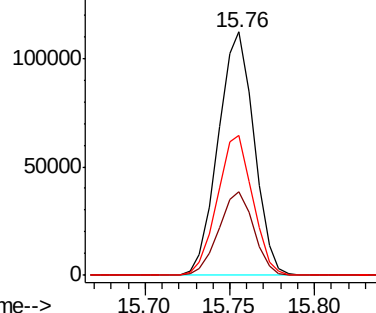


Abundance

Ion 204.00 (203.70 to 204.70): E

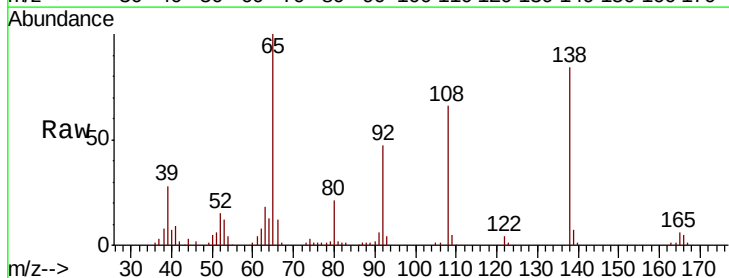
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.544 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	36.4	76.4
108	78.4	60.1	100.1

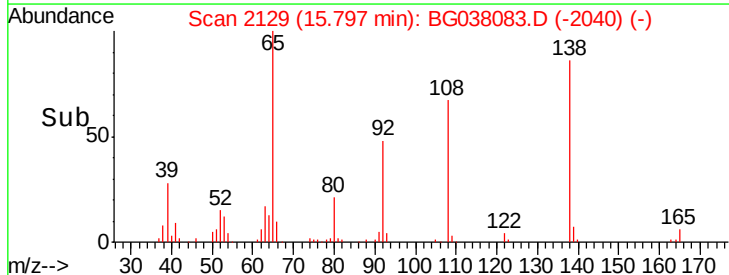
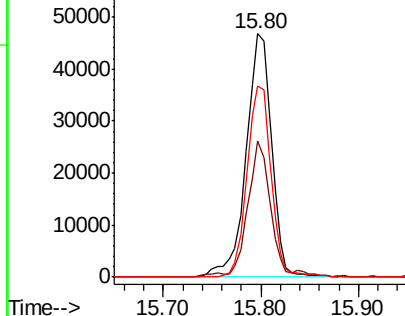


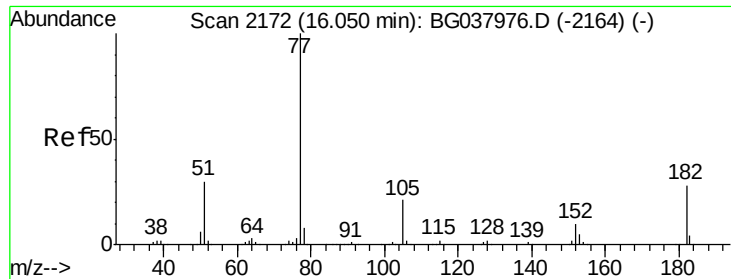
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

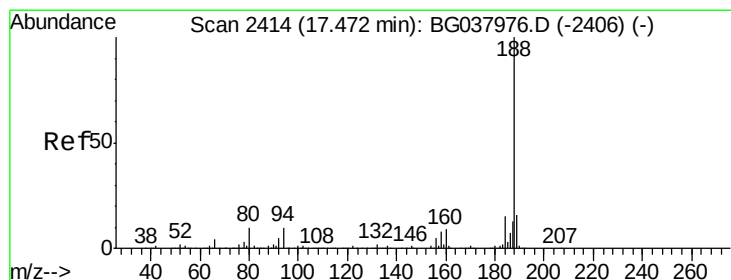
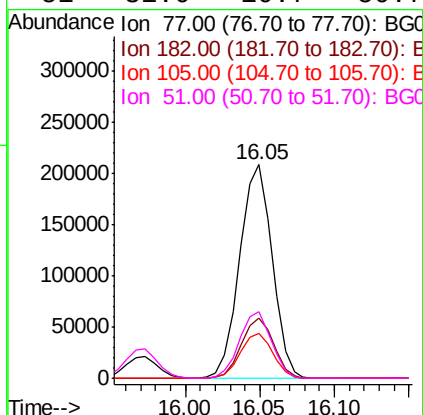
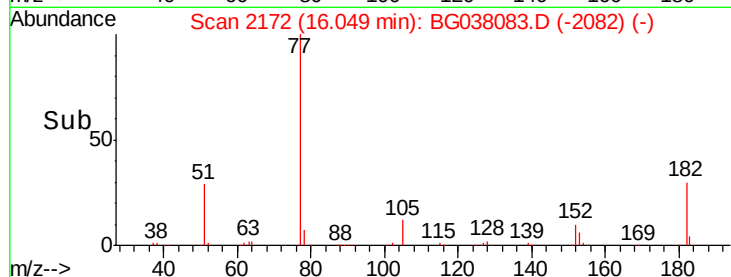
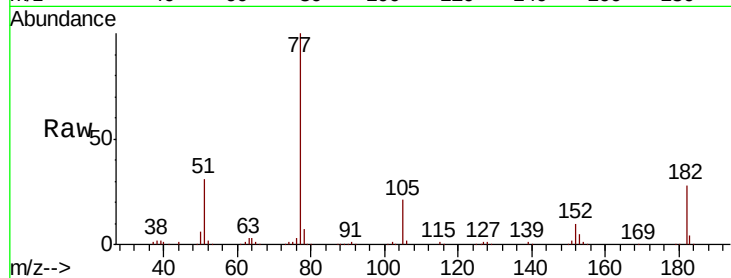




#63
Azobenzene
Concen: 38.262 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

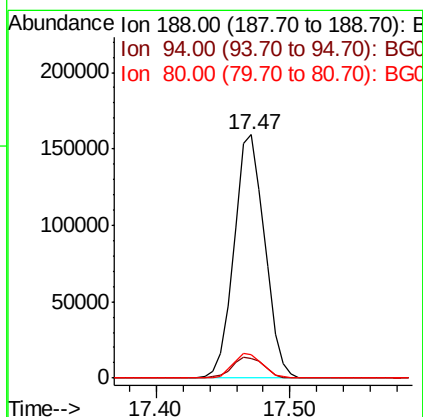
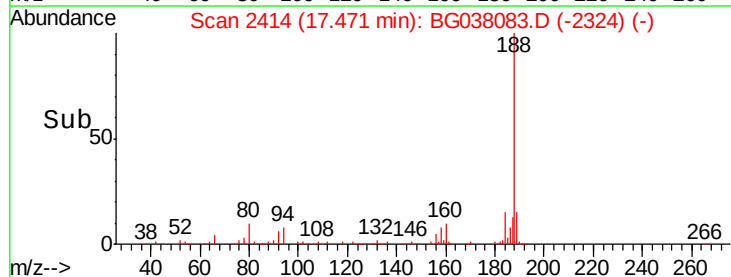
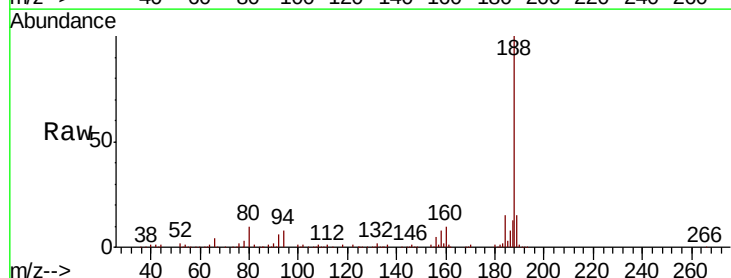
Instrument :
BNA_G
ClientSampleId :

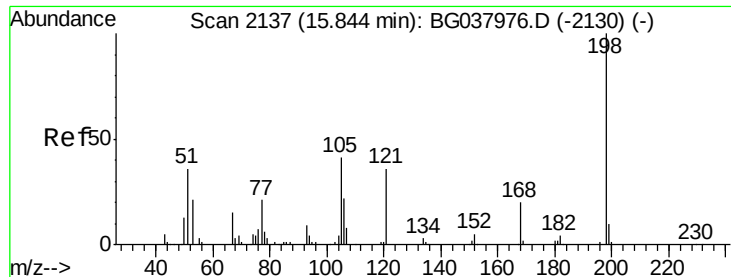
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.0	48.0
105	21.2	1.3	41.3
51	31.0	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.9	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 34.954 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

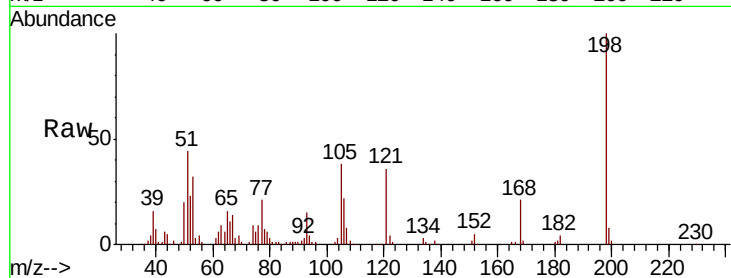
Tot Ion:198 Resp: 55941

Ion Ratio Lower Upper

198 100

51 43.9 22.7 62.7

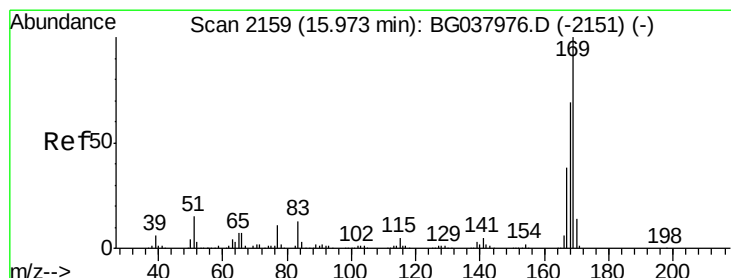
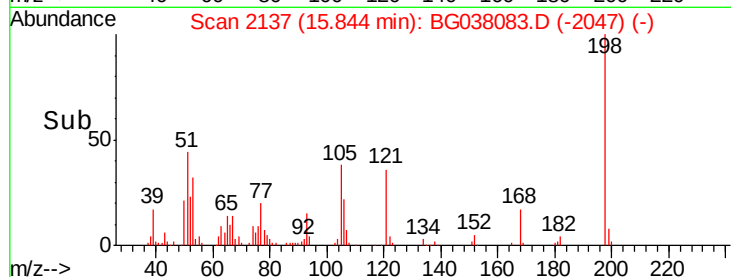
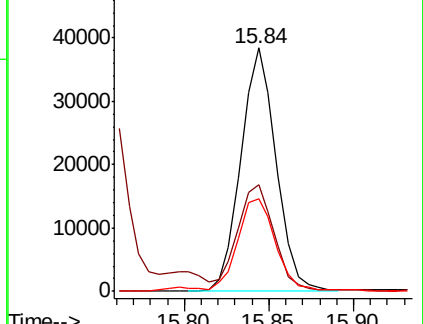
105 38.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.432 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

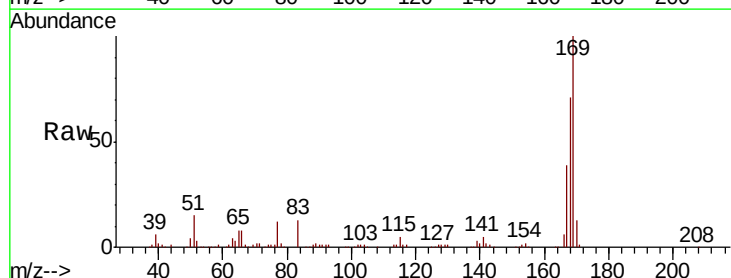
Tgt Ion:169 Resp: 286536

Ion Ratio Lower Upper

169 100

168 71.0 55.7 83.5

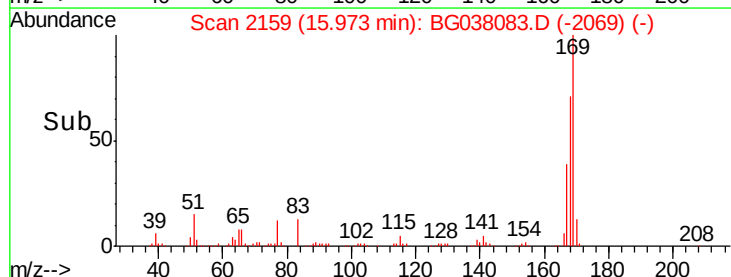
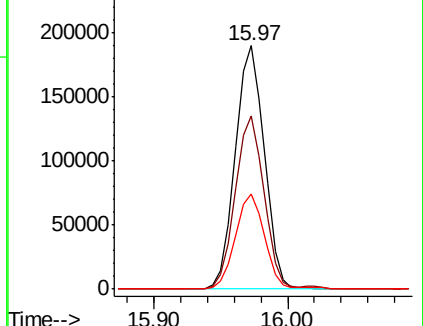
167 39.2 31.3 46.9

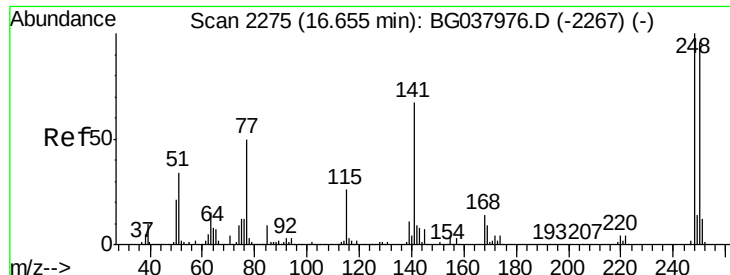


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

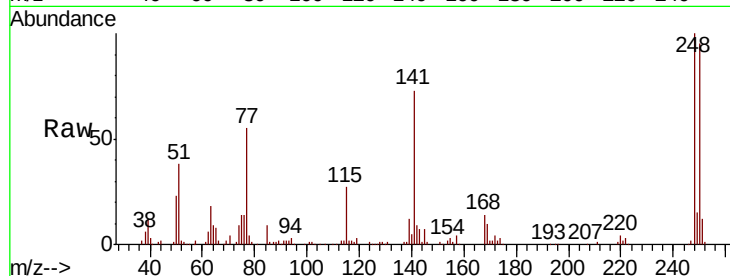




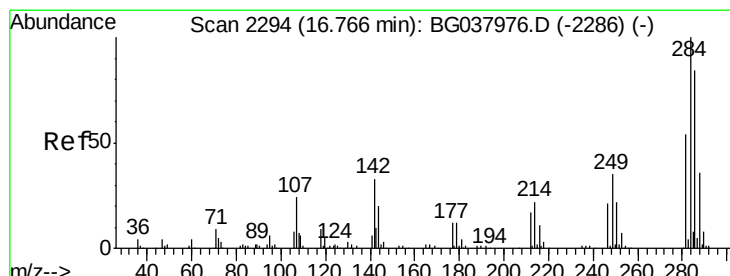
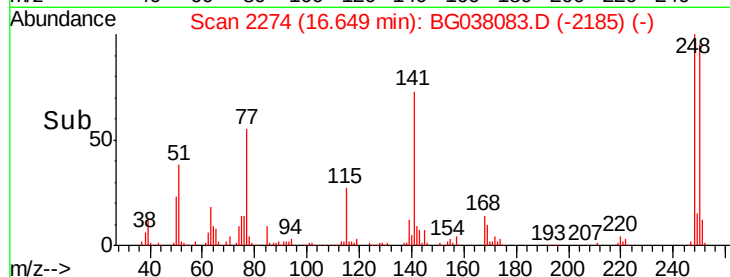
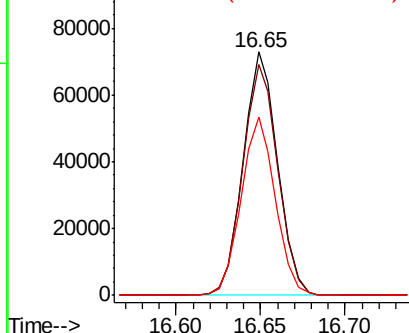
#67
4-Bromophenyl-phenylether
Concen: 37.109 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 103058
Ion Ratio Lower Upper
248 100
250 94.6 77.0 115.6
141 73.3 55.5 83.3

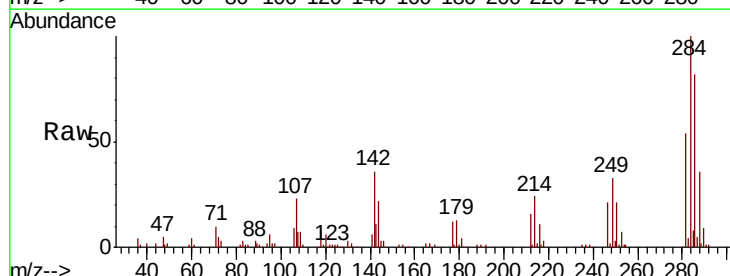


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

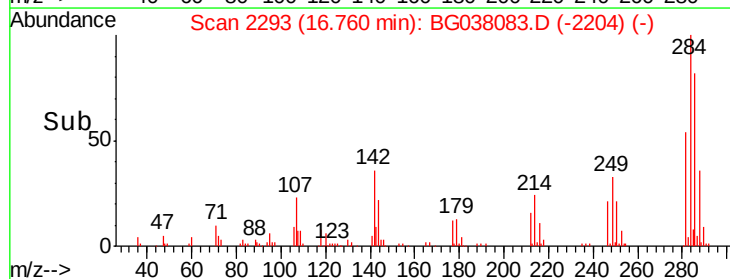
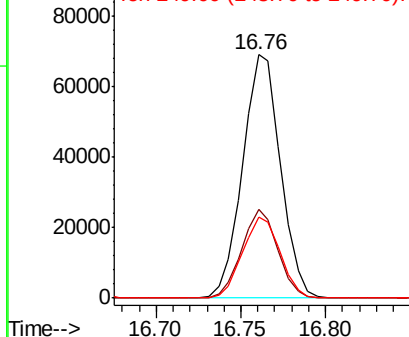


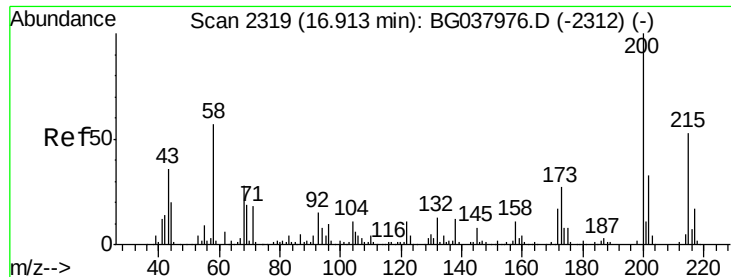
#68
Hexachlorobenzene
Concen: 37.516 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:284 Resp: 107543
Ion Ratio Lower Upper
284 100
142 36.5 28.1 42.1
249 36.2 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.191 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

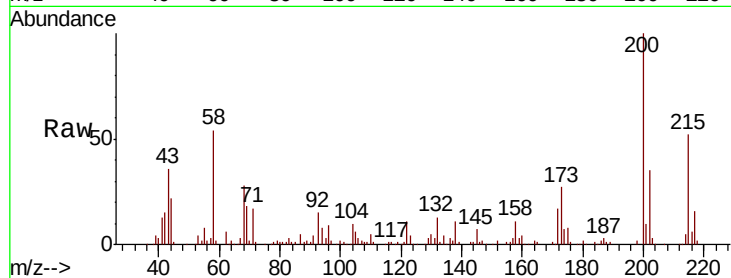
Tot Ion:200 Resp: 107769

Ion Ratio Lower Upper

200 100

173 27.0 6.1 46.1

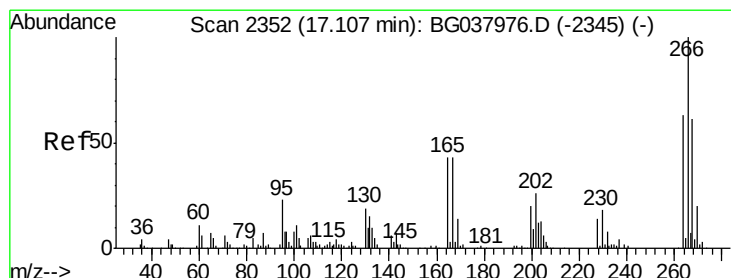
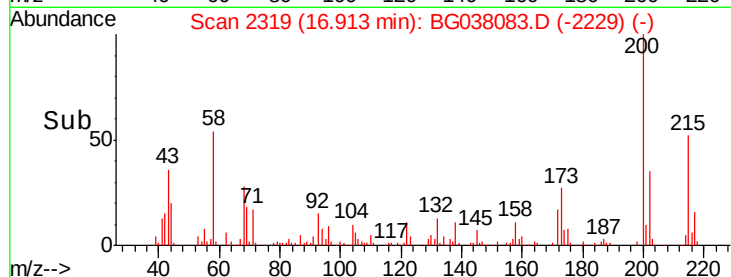
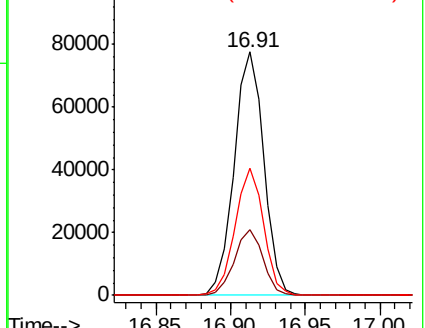
215 52.3 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 59.798 ng

RT: 17.11 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

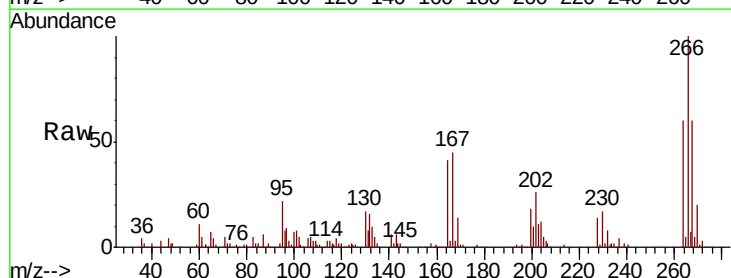
Tgt Ion:266 Resp: 116421

Ion Ratio Lower Upper

266 100

268 65.0 55.0 82.6

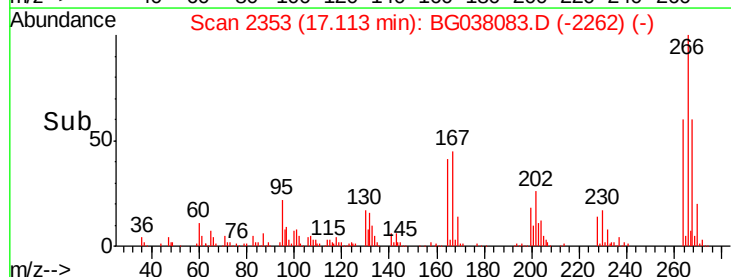
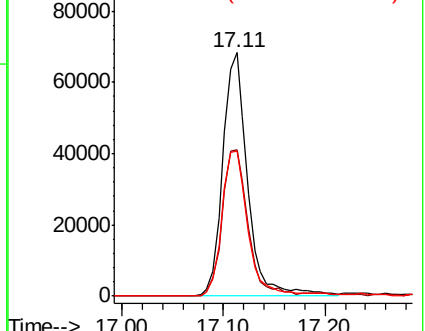
264 59.6 58.9 88.3

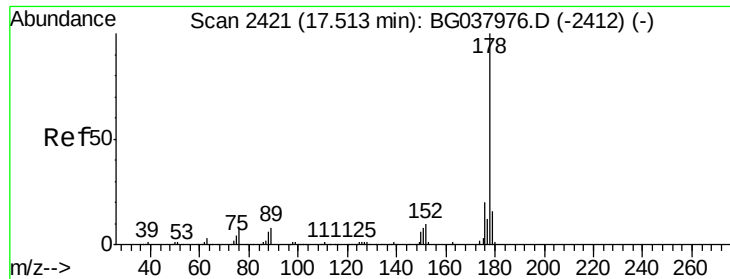


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.295 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

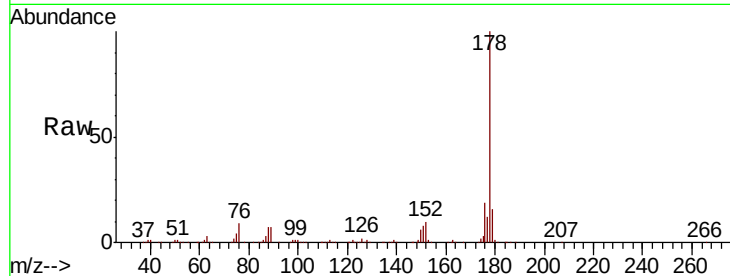
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 534958

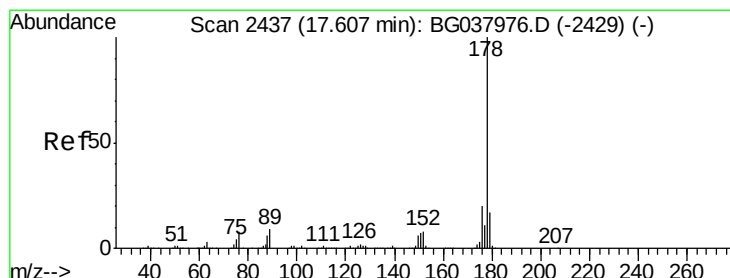
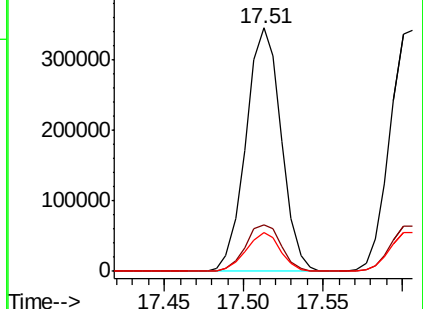
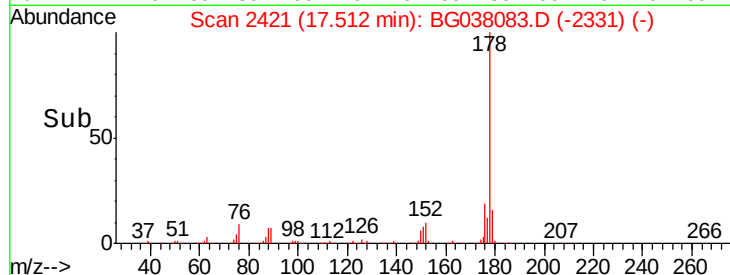
Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	15.9	13.0	19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.465 ng

RT: 17.61 min Scan# 2437

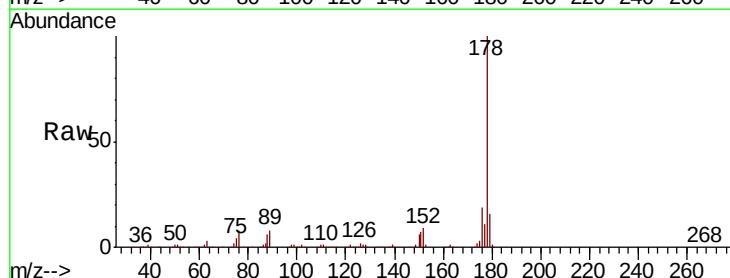
Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion:178 Resp: 542271

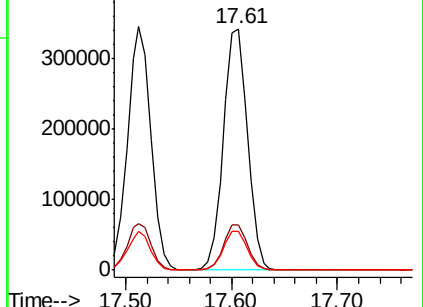
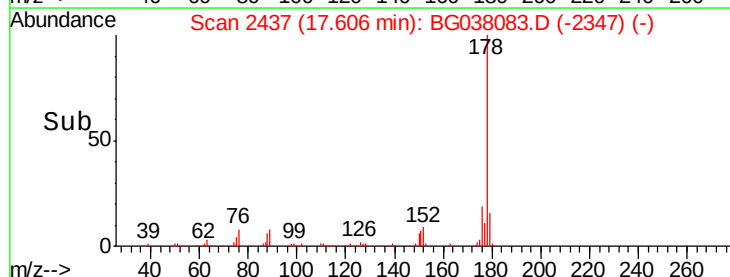
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	16.1	12.8	19.2

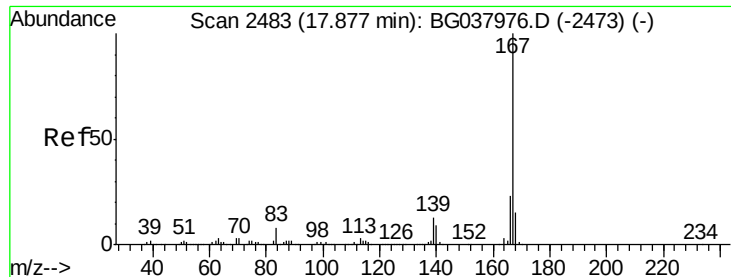


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.492 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

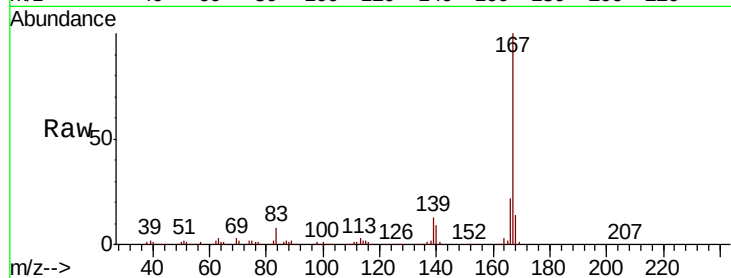
Tot Ion:167 Resp: 493161

Ion Ratio Lower Upper

167 100

166 22.2 18.3 27.5

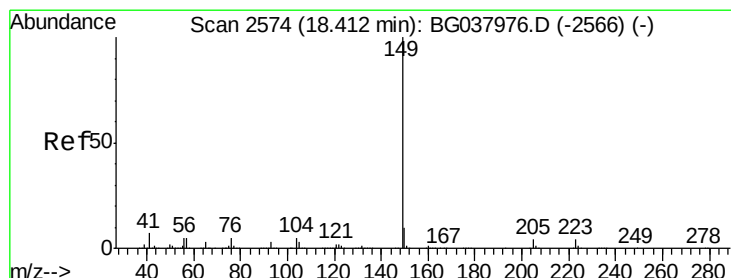
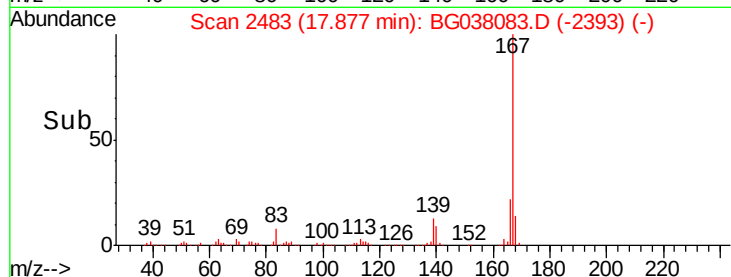
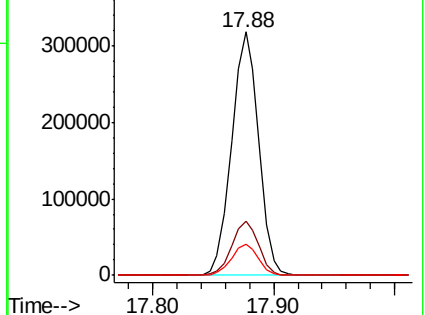
139 12.6 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.591 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

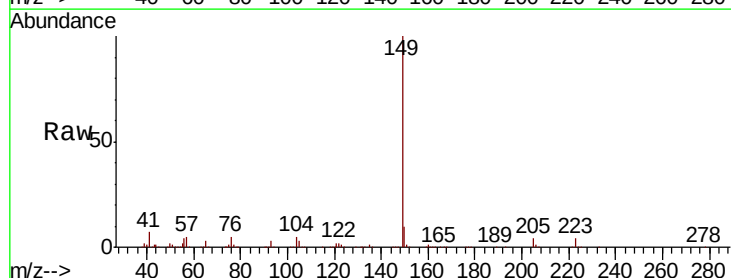
Tgt Ion:149 Resp: 583779

Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.2

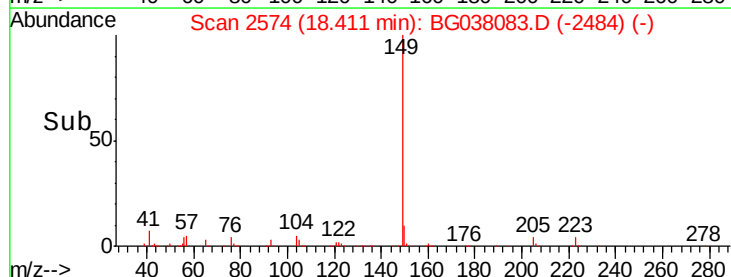
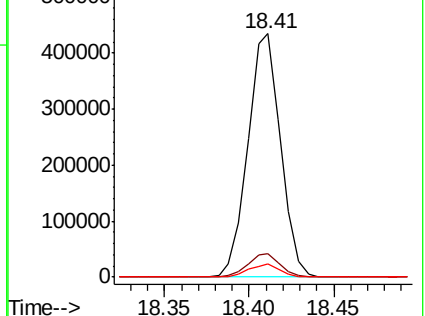
104 5.2 4.0 6.0

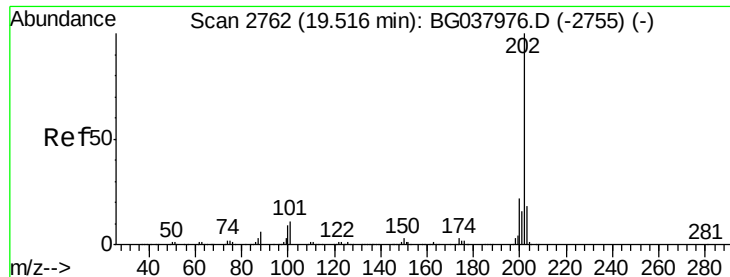


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.605 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038083.D

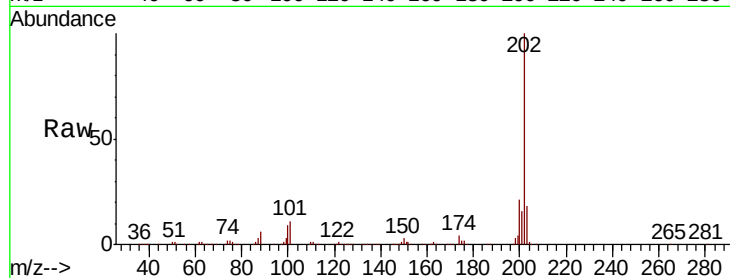
Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	629719
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.7
203	18.3	0.0	38.5

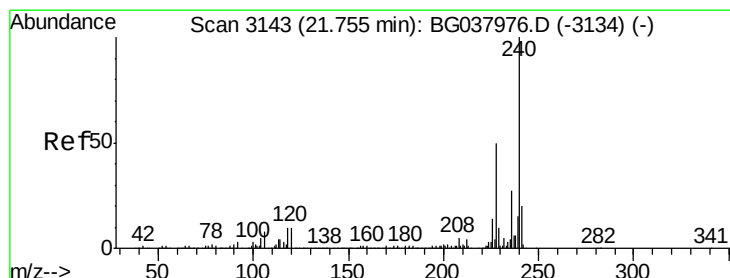
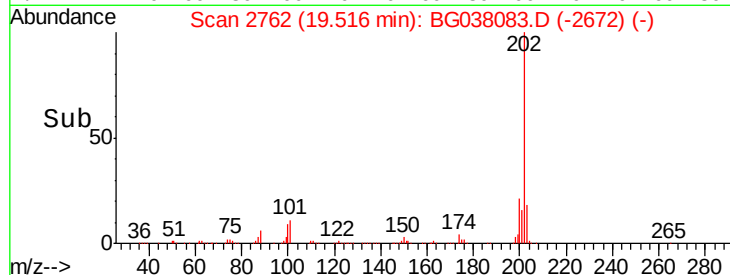
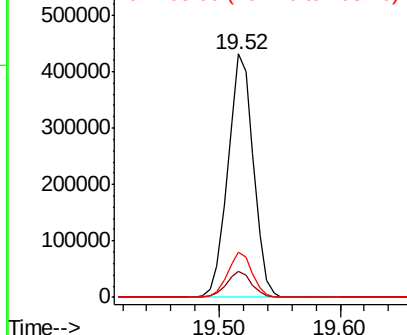


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

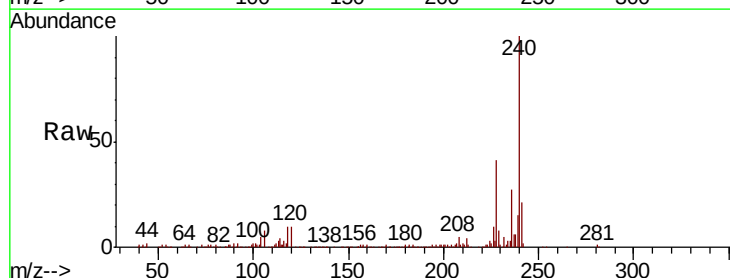
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion:	240	Resp:	240944
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	27.5	21.4	32.0

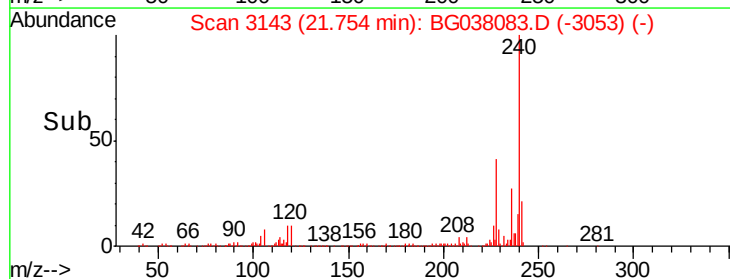
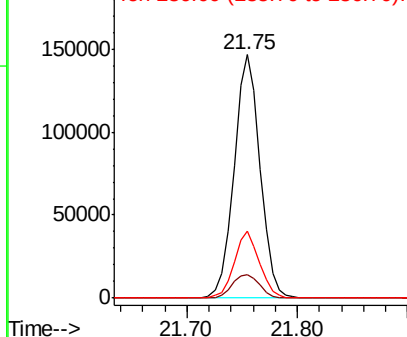


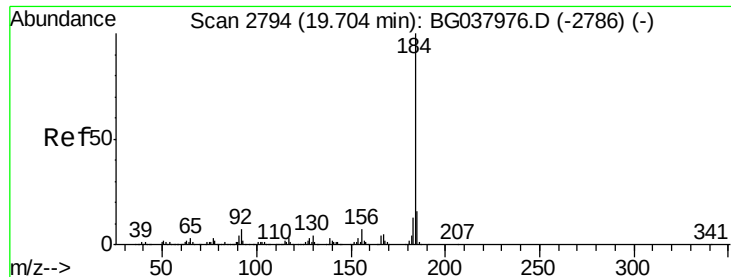
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.259 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampled :

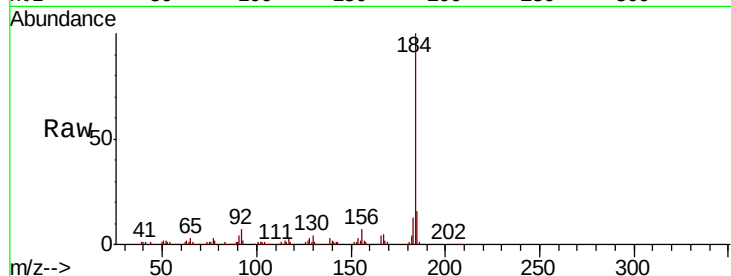
Tot Ion:184 Resp: 298101

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

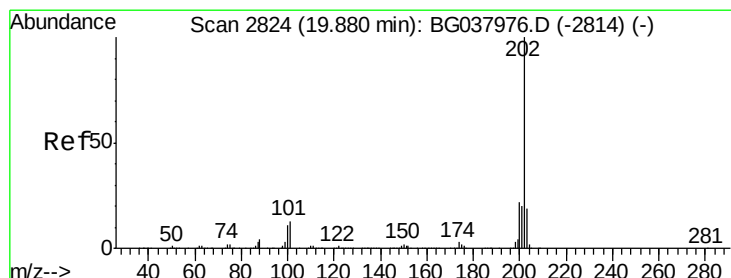
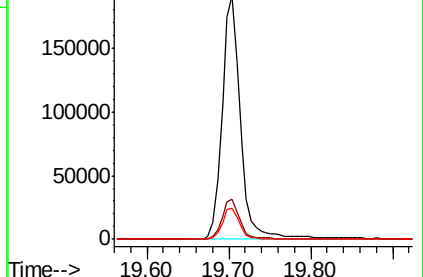
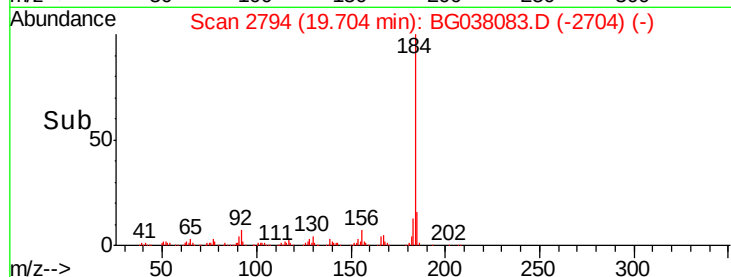
183 12.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.400 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

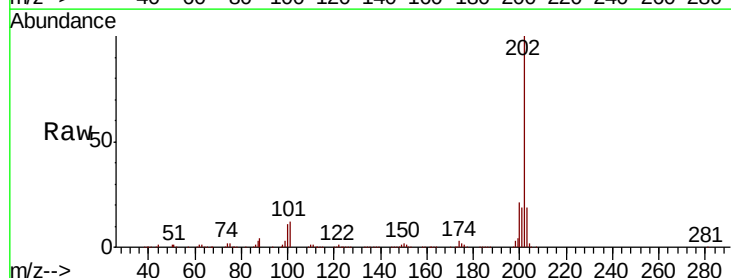
Tgt Ion:202 Resp: 636421

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

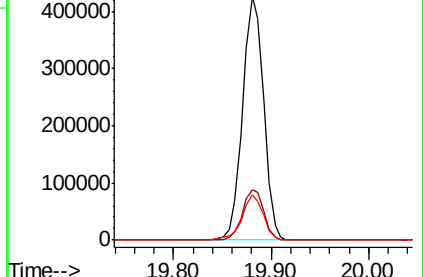
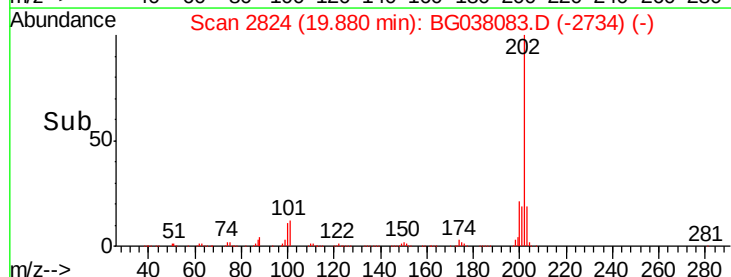
203 18.6 15.2 22.8

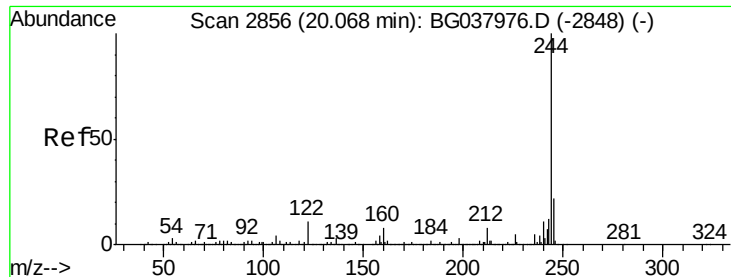


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.275 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

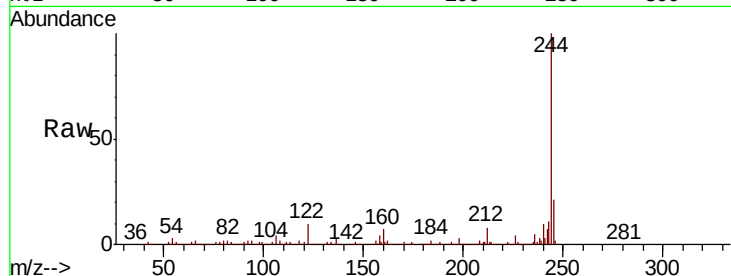
Tot Ion:244 Resp: 740082

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

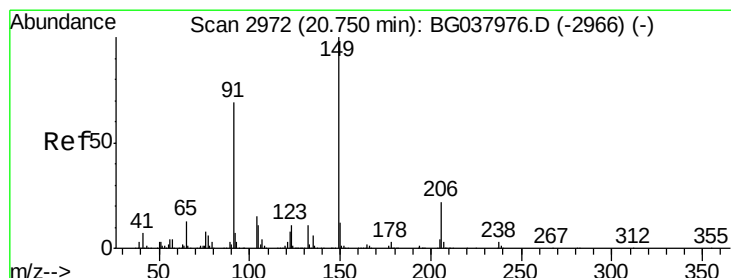
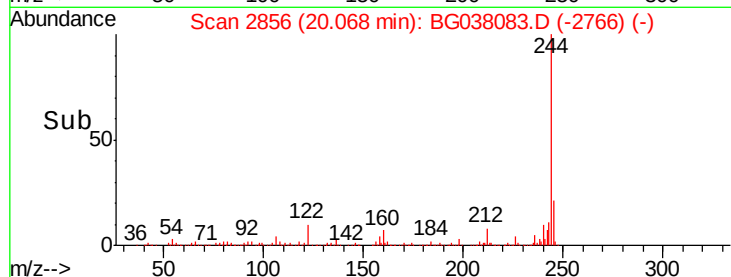
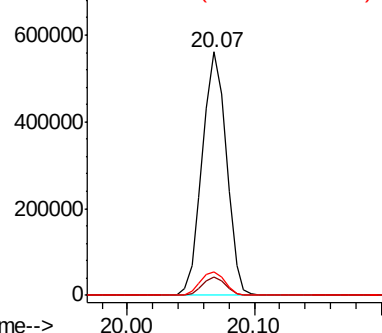
122 9.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.377 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

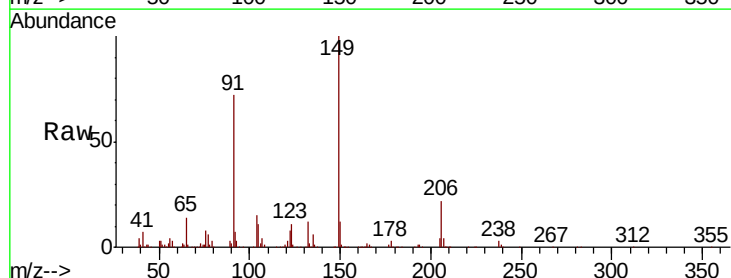
Tgt Ion:149 Resp: 271268

Ion Ratio Lower Upper

149 100

91 71.6 57.0 85.4

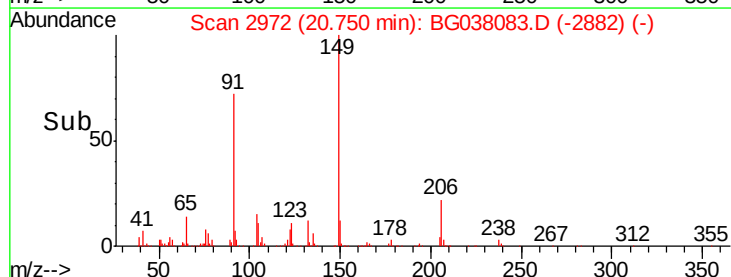
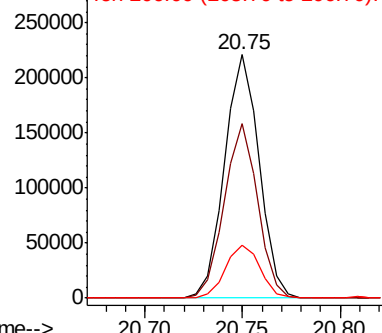
206 21.7 17.8 26.6

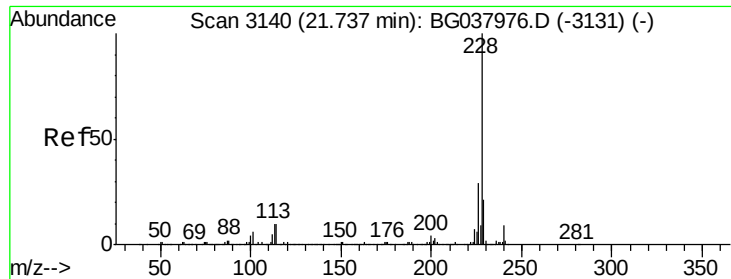


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

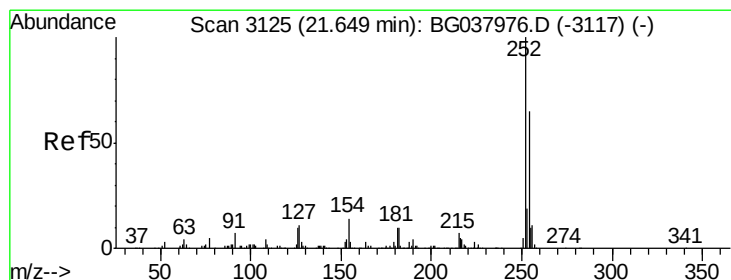
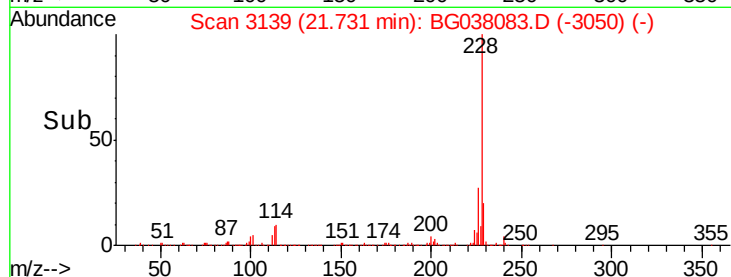
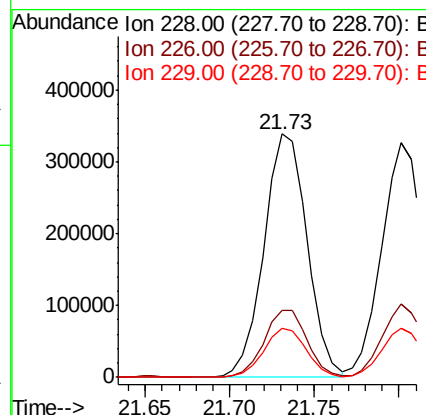
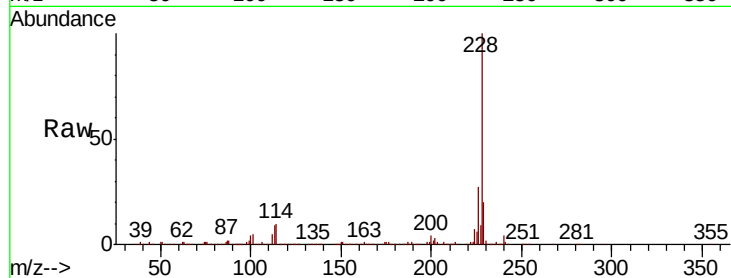




#81
Benzo(a)anthracene
Concen: 41.271 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

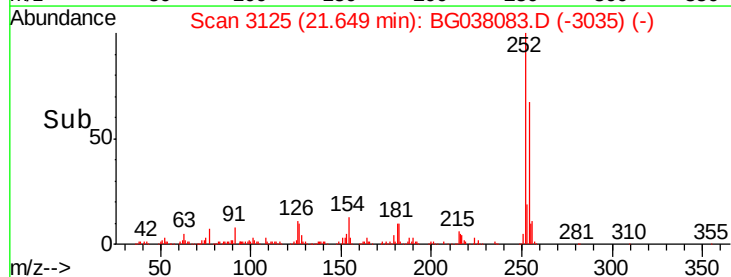
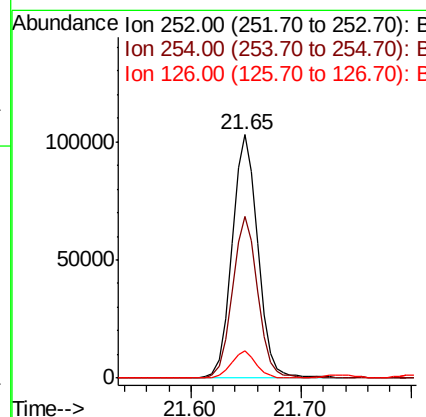
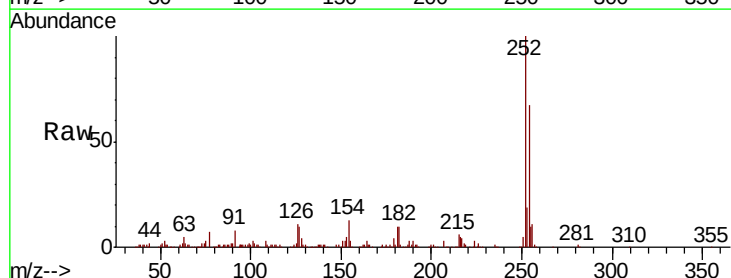
Instrument :
BNA_G
ClientSampled :

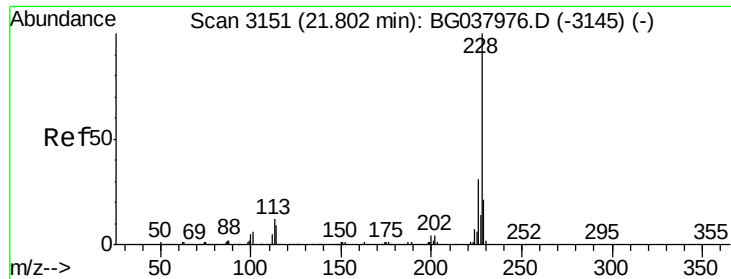
Tot Ion:228 Resp: 600930
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 29.811 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:252 Resp: 169081
Ion Ratio Lower Upper
252 100
254 66.5 52.0 78.0
126 11.2 8.2 12.4

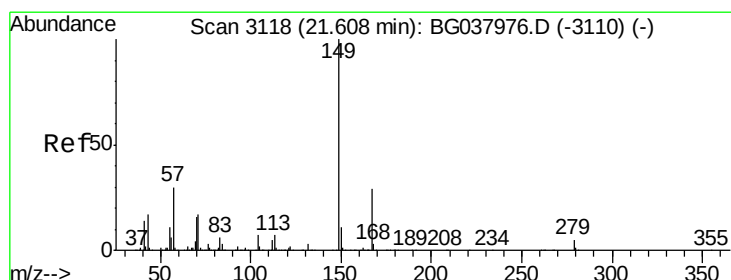
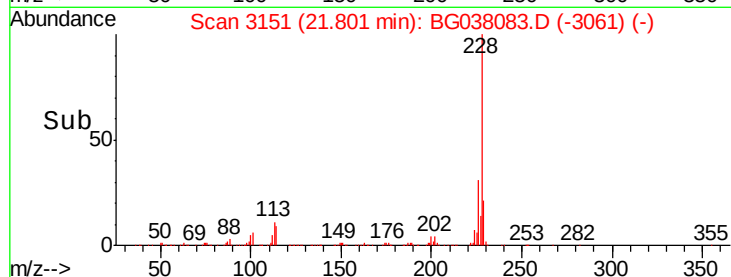
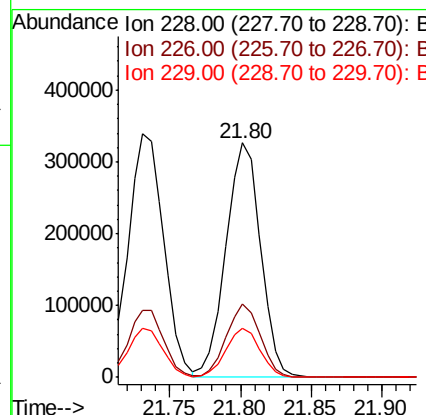
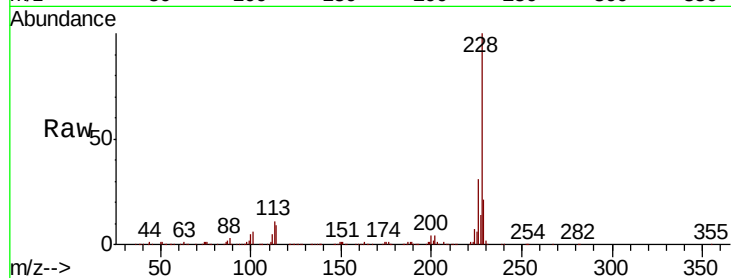




#83
 Chrysene
 Concen: 39.954 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

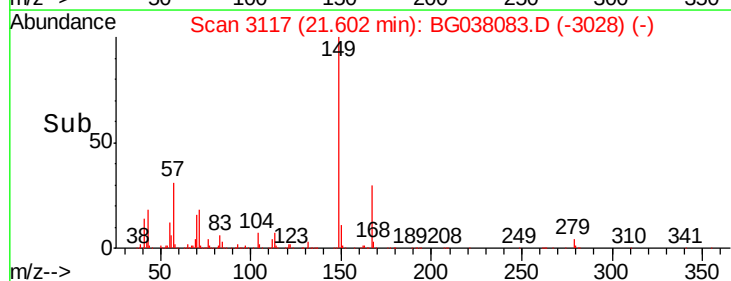
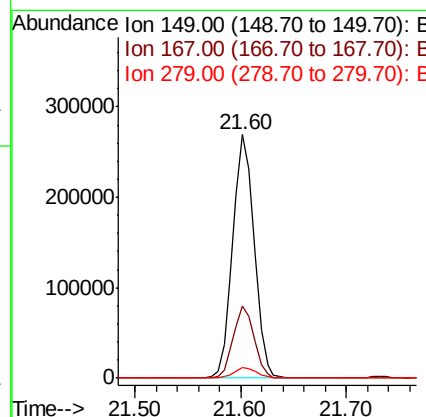
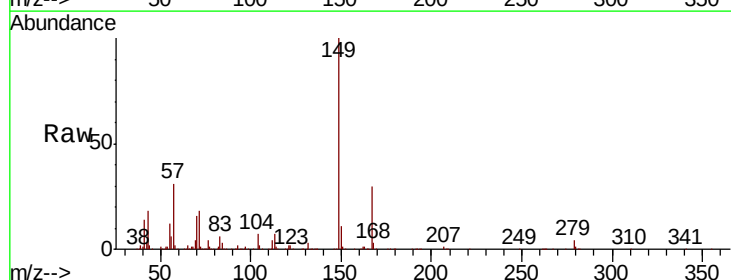
Instrument :
 BNA_G
 ClientSampled :

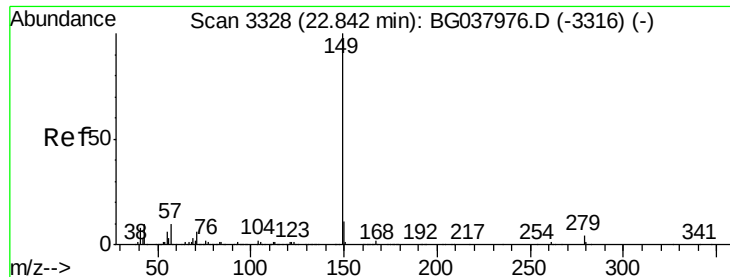
Tot Ion:228 Resp: 556604
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.7 38.5
 229 21.0 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.314 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:149 Resp: 376420
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.0 34.4
 279 4.2 3.6 5.4

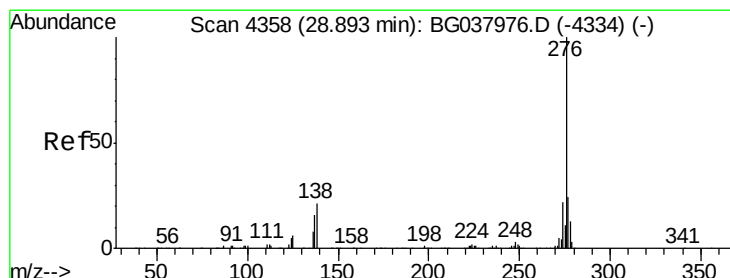
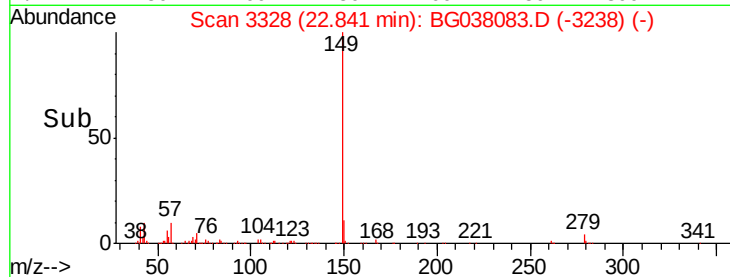
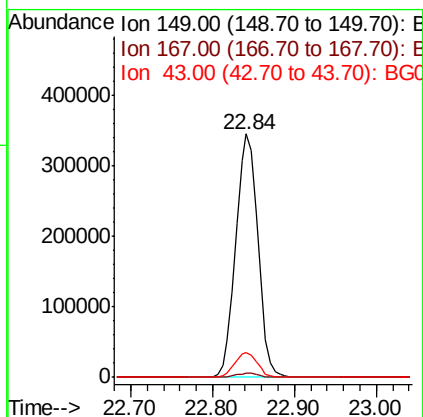
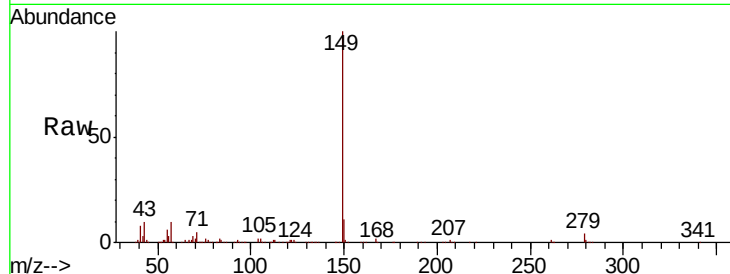




#85
Di-n-octyl phthalate
Concen: 40.910 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

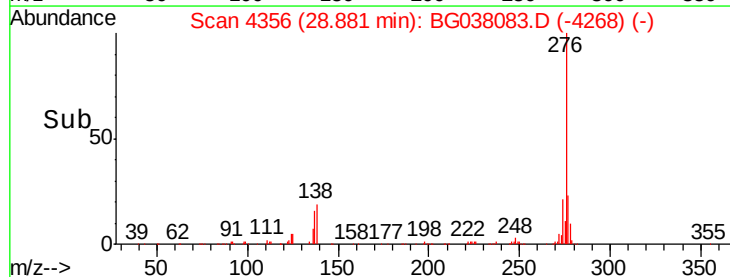
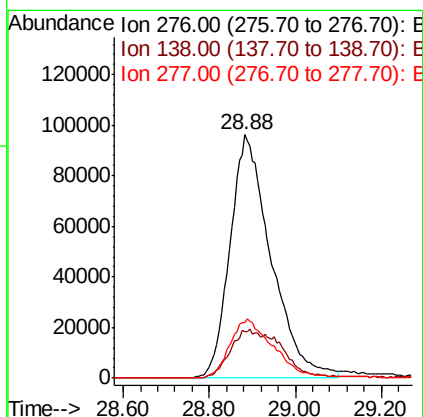
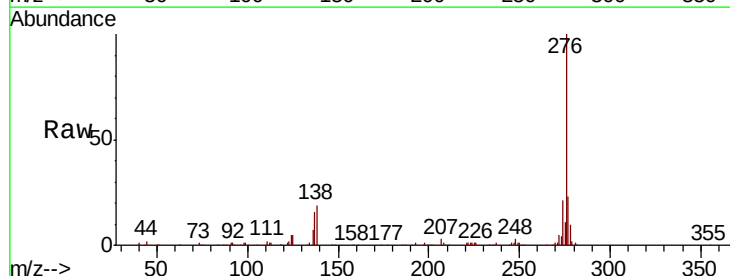
Instrument :
BNA_G
ClientSampleId :

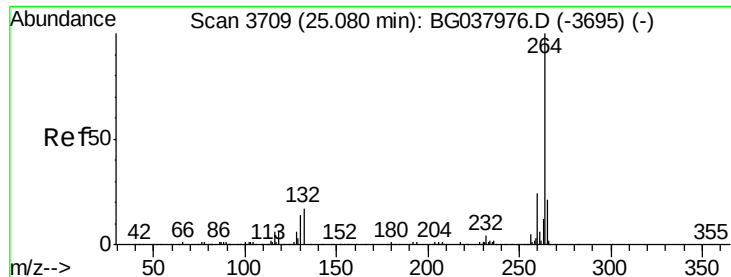
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.3	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.322 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.0	18.0
277	25.6	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

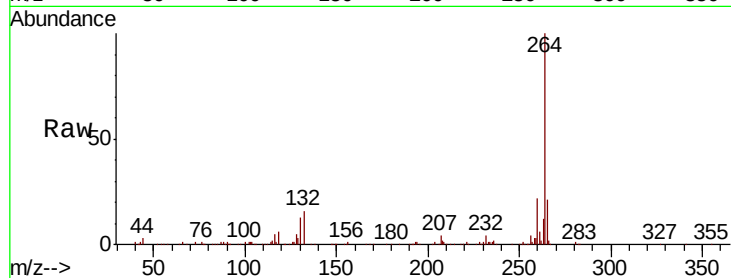
Tot Ion:264 Resp: 247673

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

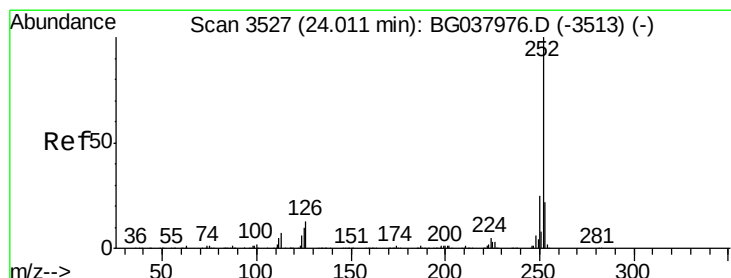
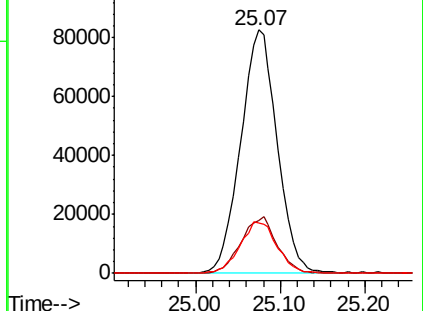
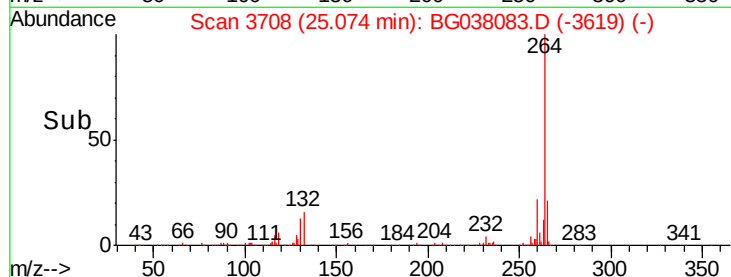
265 20.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.738 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

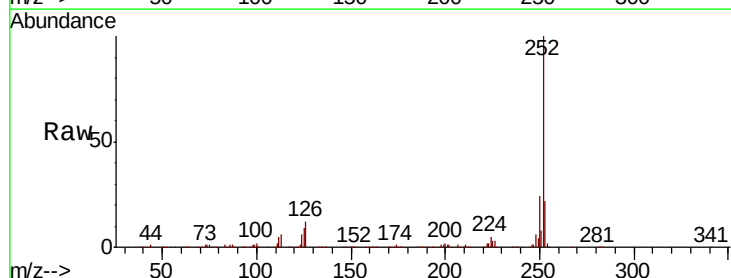
Tgt Ion:252 Resp: 582506

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

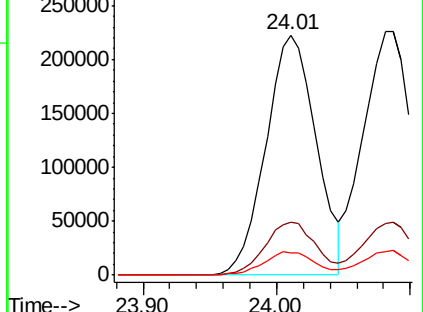
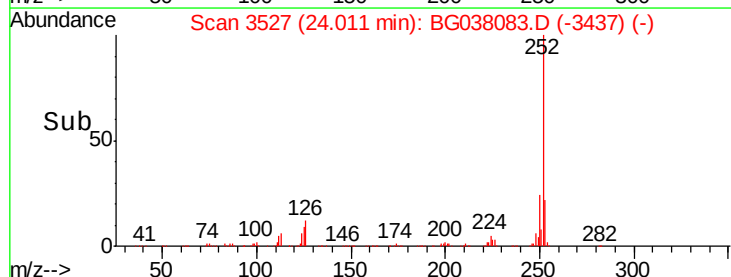
125 9.2 7.8 11.6

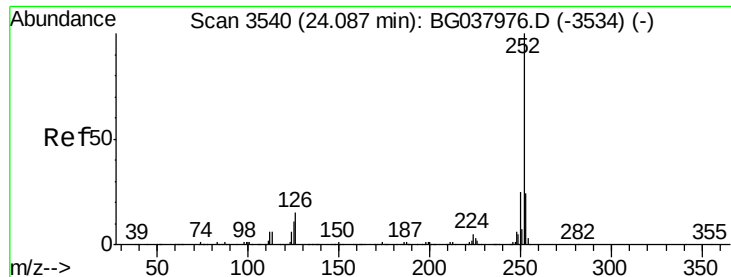


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.775 ng

RT: 24.09 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

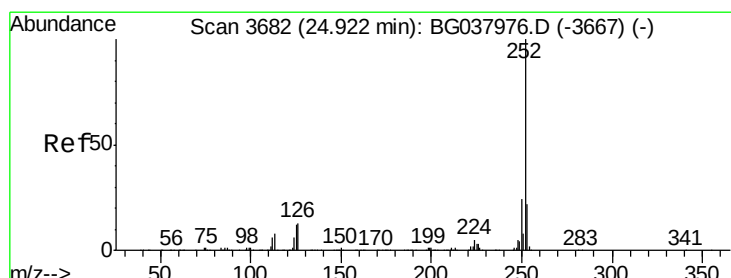
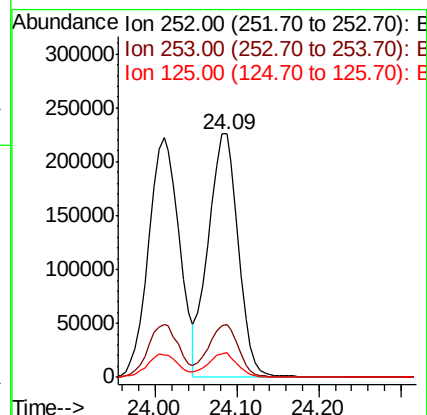
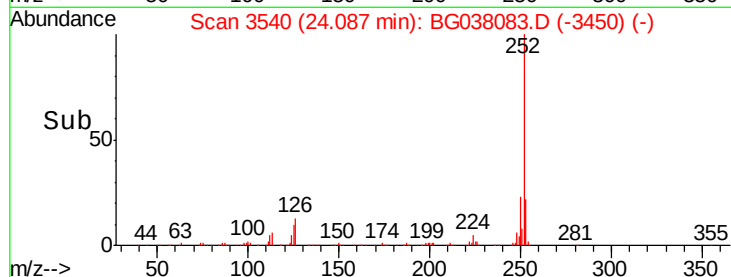
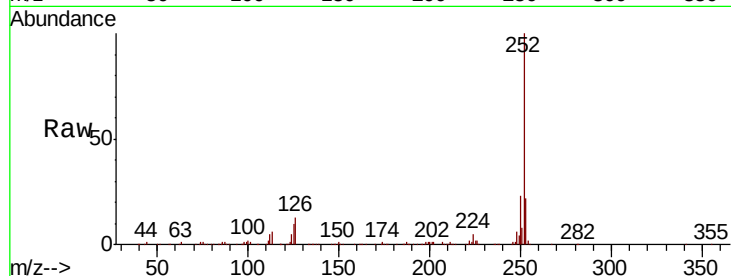
Tot Ion:252 Resp: 575282

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 43.898 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

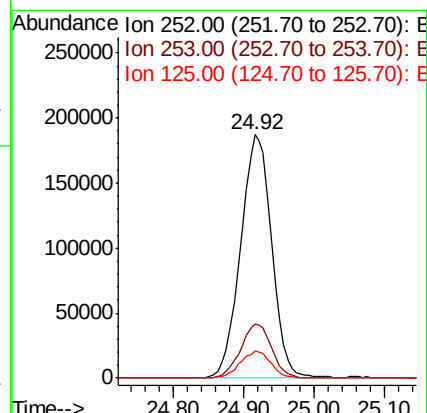
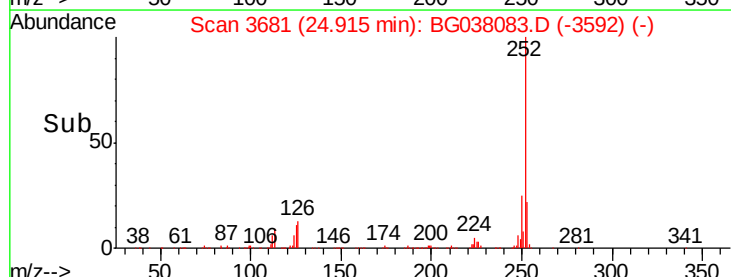
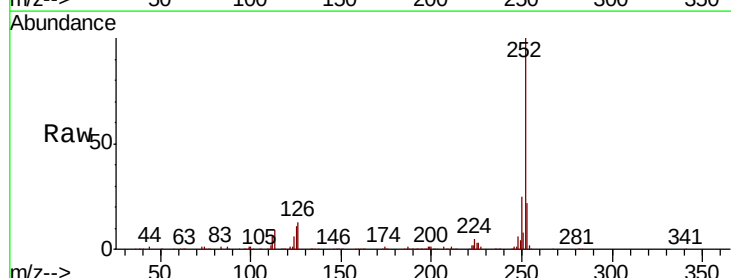
Tgt Ion:252 Resp: 571793

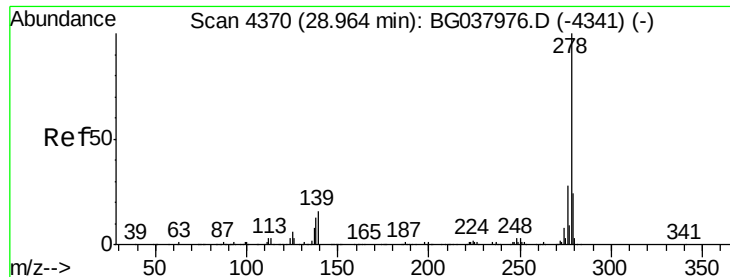
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.3 9.0 13.6

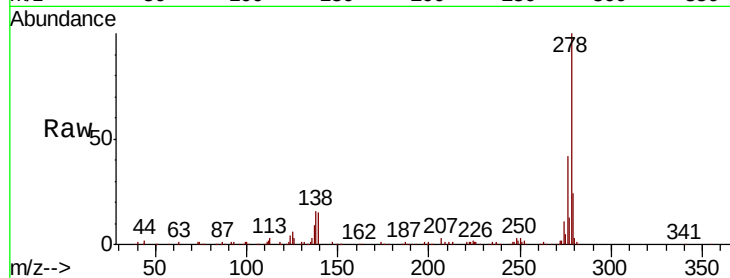




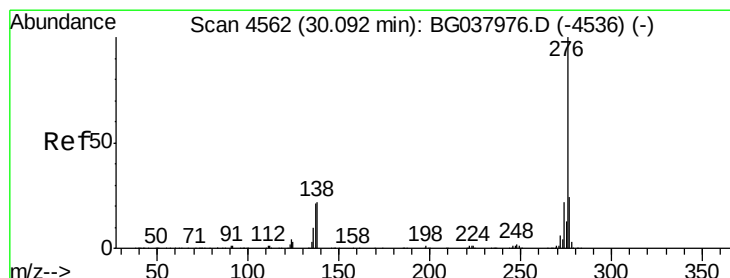
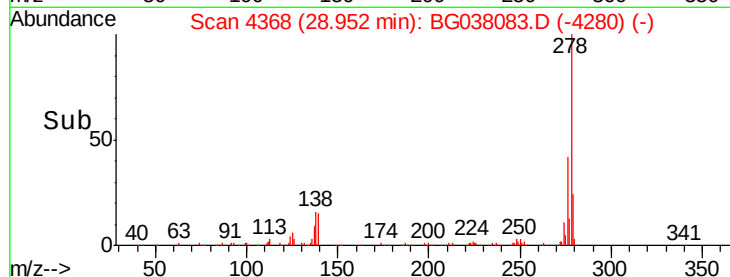
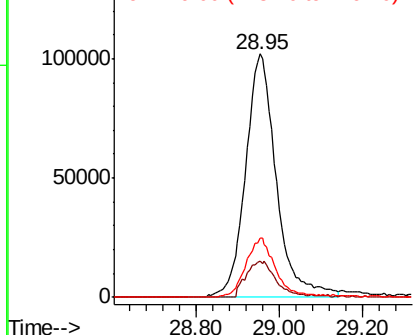
#91
Dibenzo(a,h)anthracene
Concen: 41.892 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.5	17.3
279	24.4	18.6	27.8

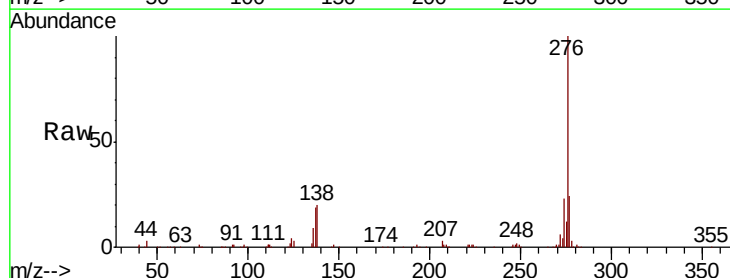


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.293 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	20.3	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

